Practice activity

Activity 3.4: Flex box model

Estimated time: 90 minutes

Go to the W3Schools CSS Flexbox Layout Module page and try out some of the examples to get a better understanding of the properties associated with this model. Now try the following two column layout exercise:
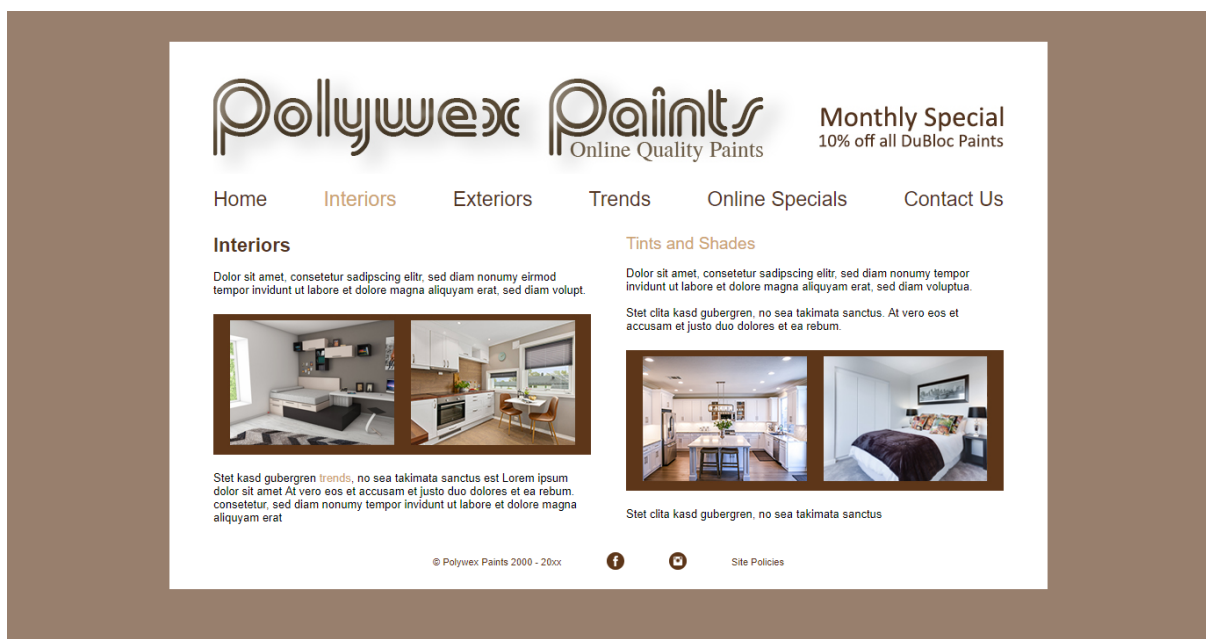

Figure 1: Polywex paints sample website

- Match the layout and presentation as closely as possible to the image using CSS.

- Validate your files regularly at W3C and check the display of your files in a range of popular browsers.

Specifications

1. Create the standard web folder structure and move files into the appropriate folder.

2. Evaluate widths of the artwork for the web page. You can get the height and width values by right clicking on the image, selecting *Properties*, then the *Details* tab

3. View the artwork and identify the name of the html file for this exercise. It is _____.html

4. Open the html and CSS files in your preferred text editor and link them.

5. Add suitable title text between the <title> tags in the <head> section of the .html file; this text should briefly describe the content of the page and the site name.

6. Apply suitable structural coding and semantic coding between the <body> tags.

7. Insert the logo image – remember to include width, height and alt attributes.

8. Insert content images.

9. Apply coding for the content link *trends*.

10. Validate HTML before moving on.

CSS

Apply the following CSS rules to develop this page for desktop screens:

1. The body tag
    a. Determine the background colour from the artwork
    b. Font family hierarchy is Helvetica, Calibri, Arial and a suitable default font

2. The 'wrapper' id
    a. Width is 1000 pixels
    b. Determine the background colour from the artwork
    c. Apply suitable margins

3. The 'inner-wrapper' id
    a. Apply suitable padding

4. The navigation tag
    a. Apply a top margin of 12 pixels
    b. The font size is 23 pixels

5. The navigation unordered list tag
    a. Display of flex
    b. Justify content value for equal distribution across the web page

6. The navigation link tags
    a. Text decoration to remove the underline
    b. The default colour is #53341f
    c. The current page colour of #cda470 - this is an id
    d. The hover colour of #888

7. The main tag
    a. Top margin is 26 pixels
    b. Display of flex

8. The major heading tag

    a. Font size is 22 pixels

    b. Font weight is normal

    c. Colour is #cda470

9. The sub heading tag

    a. Top margin is 15 pixels

    b. Font size is 19 pixels

    c. Font weight is normal

    d. Colour is #53341f

10. The paragraph tag

    a. Top margin is 15 pixels

    b. Font size is 13 pixels

11. The link tag inside the main tag

    a. Colour is #cda470

    b. Text decoration to remove the underline

    c. The hover effect displays an underline

12. The image tags inside the main tag

    a. Apply a suitable top margin

13. The footer tag

    a. Determine the width from the artwork

    b. Apply suitable margins

    c. The font size is 11 pixels

    d. The colour is #Sd3619

14. The footer unordered list tag

    a. Display of flex

    b. Justify content value for even distribution across the footer width

15. The footer link tags

    a. Colour is #Sd3619

    b. Text decoration to remove the underline

    c. The hover effect displays an underline.