

# Attributes: title, height & width

## THE 'TITLE' ATTRIBUTE

Try this: Place your mouse on the image above. Don't click, just rest your cursor on it.



Did you see the hidden message 'Tulips from woodburn tulip festival'? *title* is a global attribute we have seen before but worth mentioning again because it is very useful in an image tag. If you have a complicated image that could use a tooltip or description, you will want to use the *title* attribute.

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The alt attribute is meant to be an alternate source of information while the title attribute should provide additional information about the image.

**Note:** For images, you **must** use an *alt* attribute as there is no guarantee that the *title* attribute is presented to assistive technology users. The *title* attribute should not be relied upon for important information, and it should not be used in place of the *alt* attribute.

## THE 'HEIGHT' & 'WIDTH' ATTRIBUTES

Not all your images come in the right size for your Web page. The *width* and *height* attributes can be used to resize the image in pixels without using an external editor.

Here is my original image:

# HTML



Clearly too big for the page. The original image dimensions is 345x523 in pixels. Pixel is short for picture element. These are the little dots that make up your image on a computer display like the monitor or laptop you are viewing this in. Pixels are generally too small to see (unless you look really close) and a screen might be made up of millions of pixels.

Now, if I want to resize the HTML logo above by half:

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# HTML



But both *width* and *height* need not be defined. You can just specify either *height* or *width* and the aspect ratio will be maintained. For example, the image above can be achieved using the following too:

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The use of this attribute really depends on how you are using the image. If it is part of an [image grid](#) or a list with multiple images of the same size, it is best achieved by CSS. So you don't have to bother adding the same dimensions to every image and it will be repetitive. Plus, it is generally bad practice to encode dimensions directly into the HTML.

But if you are adding the image into some content and it needs to be a certain size for the visual flow of the reader, then it is best to add it to HTML using the *height* and *width* attributes. This is to avoid cluttering your CSS with a style for every image in your page. This is also useful if you were to change or remove the image, you can just remove it from your HTML and not deal with remembering to remove it from your CSS too.

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## Knowledge check 2.4.3 (not graded)

True or False? Setting the size for an image must always be done using the height and width attributes.

☐ True

☐ False

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