Box Shadows

```
box-shadow: h-offset v-offset blur spread color |inset|initial|inherit;
```

- Here is our syntax for box-shadow, the values **MUST** follow this order

- (ie: you can't specify the v-offset before the h-offset)

- A box-shadow **MUST** be supplied with an h-offset and a v-offset which will determine the position to place the shadow.

- All other values are optional

- A positive h-offset will place the shadow to the right of the box and a negative h-offset will place it to the left

- A positive v-offset will place the shadow below the box and a negative will place it above the box

```
#ex1 {
    box-shadow: 10px 10px;
}
```

example

- We can supply a third value which specifies the blur radius. The higher this value the more blurred the shadow will appear.

```
#ex1 {
    box-shadow: 10px 10px 8px;
}
```

example

```
#ex1 {
    box-shadow: 10px 10px 20px;
}
```

example

- We can supply a fourth value will specifies the spread. A positive value increases the size of the shadow and a negative value decreases the size.

```
#ex1 {
    box-shadow: 10px 10px 8px 10px;
}
```

example

```
#ex1 {
    box-shadow: 10px 10px 8px 30px;
}
```

example

- We can also supply a colour value (this must come after all pixel values)

```
#ex1 {
    box-shadow: 10px 10px 8px ☐blue;
}
```

example

- We can provide the value inset at the end to change our shadow to an inner shadow

```
#ex1 {
    box-shadow: 10px 10px 8px ☐blue inset;
}
```

example

- We can specify multiple shadows for an element by separating them with a comma

```
#ex1 {
    box-shadow: 10px 10px 8px ☐blue, -5px -10px ☐red;
}
```

example with positive h-offset and v-offset

- We can provide the value initial which will change the box shadow to its default

```
#ex1 {
    box-shadow: initial;
}
```

- We can provide the value inherit so our element will inherit its box-shadow from its parent.

```
#ex1 {
    box-shadow: inherit;
}
```

You can find more examples at

https://www.w3schools.com/cssref/css3_pr_box-shadow.php