

# Converting Colors

Hex(60755A)

Have a look what the booklet for  
Hex(60755A) contains.

|                                                |    |
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# Color

Hex(60755A)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 60755A                      |
| RGB           | 96, 117, 90                 |
| RGB Percent   | 38%, 46%, 35%               |
| CMY           | 0.6235, 0.5412, 0.6471      |
| CMYK          | 0.18, 0.00, 0.23, 0.54      |
| HSL           | 107°, 13%, 41%              |
| HSV           | 107°, 23%, 46%              |
| XYZ           | 13.0306, 15.9476, 12.0643   |
| YIQ           | 107.6430, -3.8490, -12.8490 |

# Conversions

## Conversions Part 2

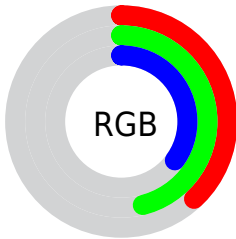
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 90, 117, 111                   |
| Decimal                             | 6321498                        |
| CIE <sub>Lab</sub>                  | 46.91, -13.33, 12.40           |
| CIE <sub>LCh</sub>                  | 47, 18.202, 137.070            |
| Yxy                                 | 15.9476, 0.3175,<br>0.3886     |
| Android<br>(android.graphics.Color) | 4284511578<br>(0xFF60755A)     |
| YUV                                 | 107.6430, -8.6980,<br>-10.2109 |
| Hunter-Lab                          | 39.9344, -11.6405,<br>10.0425  |

# Details

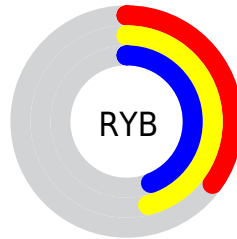
The Hex color **60755A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6F5A75**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **93A98C**, and **31452C** is the 20% darker color. If you saturate the color by 10%, you get **57754E**, and if you desaturate by 10%, it is **697566**.

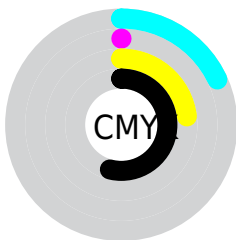
# Distribution



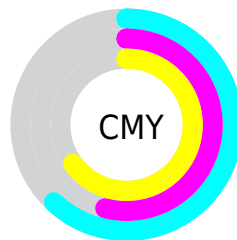
- Red (38%)
- Green (46%)
- Blue (35%)



- Red (35%)
- Yellow (46%)
- Blue (44%)



- Cyan (18%)
- Magenta (0%)
- Yellow (23%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60755A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 60755A by changing the saturation by 10% instead.





60755A



60755A

FFFFFF



485C42



93A98C



31452C



AEC4A7



1C2E17



C9E0C2



041A00



E5FDDE



000000



FFFFFA



60755A



60755A



57754E



697566



4E7543



727571

 457537

 7B757D

 3C752B

 847589

 327520

 8E7595

 297514

 9775A0

 207508

 A075AC

 1A7500

 A975B8

 B275C3

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



717152



60755A



4F7768

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60755A



54738D



8E6467

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60755A



6F5A75

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8A6576



60755A



696E8C

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60755A



457685



7C6884



8B6759

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60755A



477872



7C6884



8E646C



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60755A



91998E



756F5A



484D46



CCCCCC



4D4D4D



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60755A



78996E



5A7561



363B35



1B7A00



38FA00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6F5A75



8F6E99



755A6E



39353B



5F007A

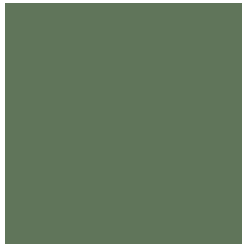


C200FA



# Previews

## White Background



This preview shows how the Hex color 60755A looks on a white background.

## Color Contrast Check

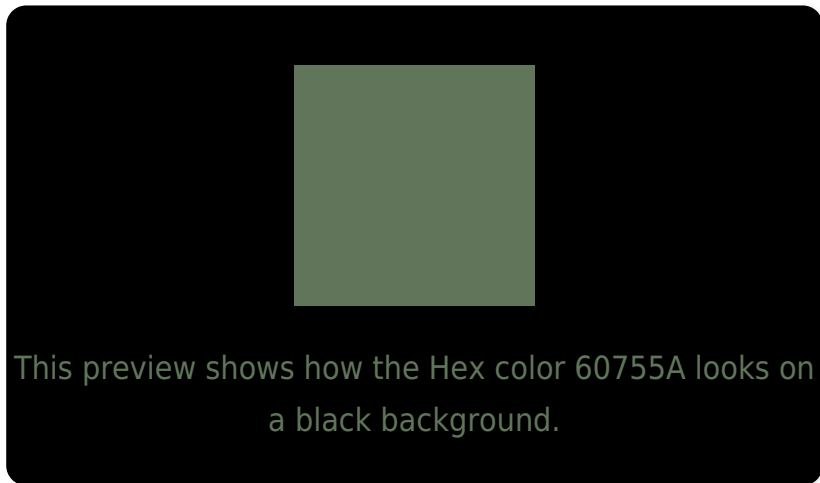
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

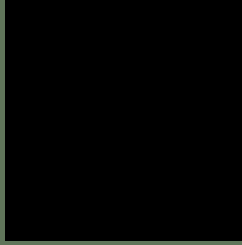
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 60755A Background



This preview shows how black text looks on a background with the Hex color 60755A.



This preview shows how white text looks on a background with the Hex color 60755A.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
60755A

**Protanopia**  
766F57

**Deuteranopia**  
806B5C



**Tritanopia**  
65717A

# Trichromacy



**Original Color**  
60755A

**Protanomaly**  
6E7158

**Deuteranomaly**  
746F5B

**Tritanomaly**  
63726E

# Monochromacy



**Original Color**  
60755A

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
686F65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60755A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #60755A looks like.

```
.text, #text, p{  
    color:#60755A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #60755A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60755A
}
```

## Border

The CSS property to change the border of an element to Hex 60755A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

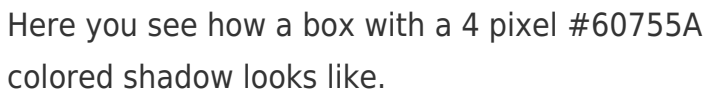
```
.border, #border, table{ border:4px solid
#60755A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#60755A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #60755A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60755A; -webkit-box-shadow:4px 4px  
4px 4px #60755A; box-shadow:4px 4px 4px  
4px #60755A }
```

# Background

The CSS property to change the background color of an element to Hex 60755A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60755A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#60755A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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