

# Converting Colors

Hex(59775B)

Have a look what the booklet for  
Hex(59775B) contains.

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# Color

Hex(59775B)

# Conversions

## Conversions Part 1

Format	Color
Hex	59775B
RGB	89, 119, 91
RGB Percent	35%, 47%, 36%
CMY	0.6510, 0.5333, 0.6431
CMYK	0.25, 0.00, 0.24, 0.53
HSL	124°, 14%, 41%
HSV	124°, 25%, 47%
XYZ	12.6050, 16.0728, 12.3355
YIQ	106.8380, -8.8920, -15.0680

# Conversions

## Conversions Part 2

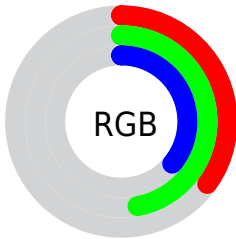
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 117, 119
Decimal	5863259
CIE <sub>Lab</sub>	47.07, -16.87, 11.97
CIE <sub>LCh</sub>	47, 20.686, 144.657
Yxy	16.0728, 0.3073, 0.3919
Android (android.graphics.Color)	4284053339 (0xFF59775B)
YUV	106.8380, -7.8081, -15.6439
Hunter-Lab	40.0909, -14.0370, 9.8208

# Details

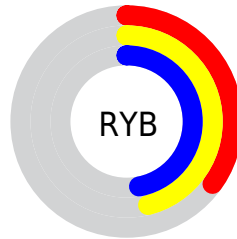
The Hex color **59775B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **775975**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **8CAB8D**, and **2A462D** is the 20% darker color. If you saturate the color by 10%, you get **4D7750**, and if you desaturate by 10%, it is **657766**.

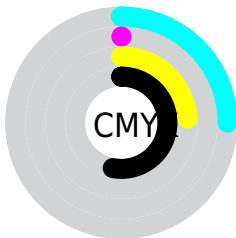
# Distribution



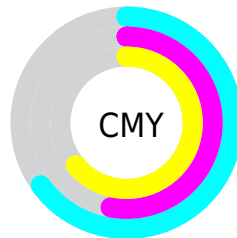
- Red (35%)
- Green (47%)
- Blue (36%)



- Red (35%)
- Yellow (46%)
- Blue (47%)



- Cyan (25%)
- Magenta (0%)
- Yellow (24%)
- Black (53%)



- Cyan (65%)
- Magenta (53%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59775B 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 59775B by changing the saturation by 10% instead.





59775B



59775B

FFFFFF



415E43



8CAB8D



2A462D



A6C7A8



143018



C2E3C3



001C00



DEFFDF



000000



FAFFFB



59775B



59775B



4D7750



657766



417745



717771

■ 35773A

■ 7D777C

■ 29772F

■ 897787

■ 1D7723

■ 947793

■ 127718

■ A0779E

■ 06770D

■ AC77A9

■ 007708

■ B877B4

■ C477BF

# Harmonies

## Analogous

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



6D7350



59775B



46796C

# Triad

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



59775B



557292



936462

# Complementary

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



59775B



775975

# 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.



906373



59775B



6E6C8F

# Square

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



59775B



40778B



836684



8C6854

# Rectangle

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



59775B



3D7978



836684



936368



# Sweetspot

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



59775B



8F9C90



757759



474F48



CFCFCF



4F4F4F



# Same Dimension

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



59775B



6D9C70



59776A



353B35



007A08



00FA11



# Inverse Universe

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



775975



9C6D98



775966



3B353A



7A0072



FA00E9



# Previews

## White Background



This preview shows how the Hex color 59775B looks on a white background.

## Color Contrast Check

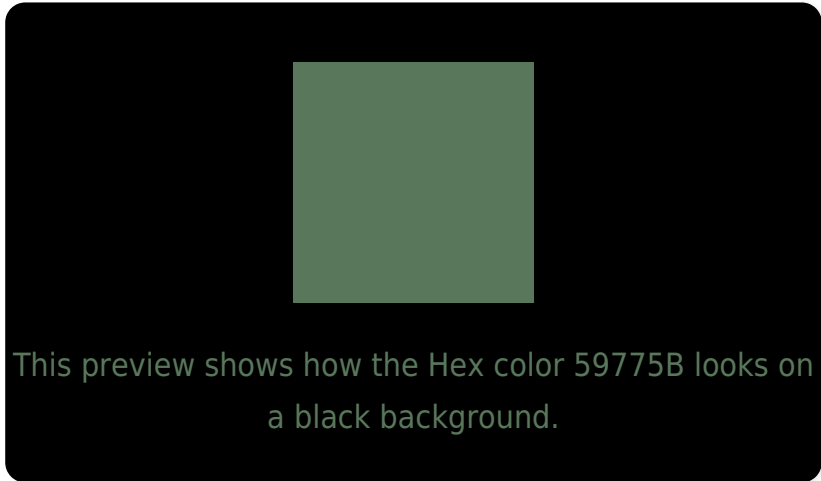
Large Text (above 18pt) WCAG AA ✓ Pass

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

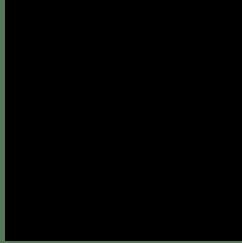
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 59775B Background



This preview shows how black text looks on a background with the Hex color 59775B.

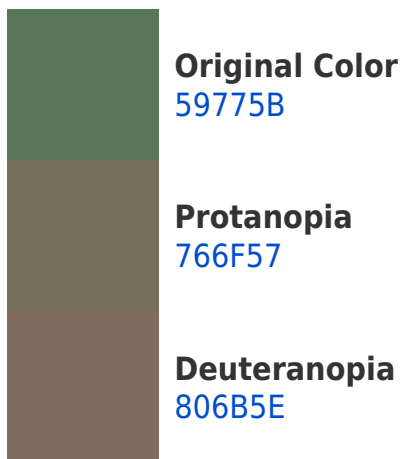


This preview shows how white text looks on a background with the Hex color 59775B.

# 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





**Tritanopia**  
5F737C

# Trichromacy



**Original Color**  
59775B

**Protanomaly**  
6B7258

**Deuteranomaly**  
726F5D

**Tritanomaly**  
5D7470

# Monochromacy



**Original Color**  
59775B

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
646F65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59775B 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 #59775B looks like.

```
.text, #text, p{  
    color:#59775B  
}
```

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 #59775B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59775B
}
```

## Border

The CSS property to change the border of an element to Hex 59775B 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".

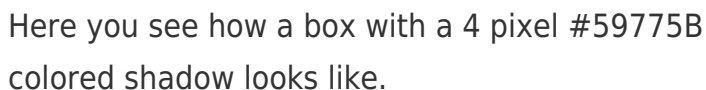
```
.border, #border, table{ border:4px solid
#59775B }
```

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

```
.border{ border-color:#59775B }
```

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

Here you see how a box with a 4 pixel #59775B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59775B; -webkit-box-shadow:4px 4px  
4px 4px #59775B; box-shadow:4px 4px 4px  
4px #59775B }
```

# Background

The CSS property to change the background color of an element to Hex 59775B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59775B }
```

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

```
.background{ background-color:#59775B }
```

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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