

# Converting Colors

Hex(608B75)

Have a look what the booklet for  
Hex(608B75) contains.

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# Color

Hex(608B75)

# Conversions

## Conversions Part 1

Format	Color
Hex	608B75
RGB	96, 139, 117
RGB Percent	38%, 55%, 46%
CMY	0.6235, 0.4549, 0.5412
CMYK	0.31, 0.00, 0.16, 0.45
HSL	149°, 18%, 46%
HSV	149°, 31%, 55%
XYZ	17.2674, 22.2364, 20.2116
YIQ	123.6350, -18.5660, -15.9580

# Conversions

## Conversions Part 2

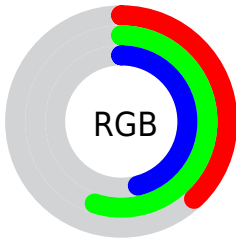
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 125, 139
Decimal	6327157
CIE <sub>Lab</sub>	54.28, -19.74, 7.08
CIE <sub>LCh</sub>	54, 20.966, 160.270
Y <sub>xy</sub>	22.2364, 0.2892, 0.3724
Android (android.graphics.Color)	4284517237 (0xFF608B75)
YUV	123.6350, -3.2711, -24.2359
Hunter-Lab	47.1555, -17.1590, 7.5962

# Details

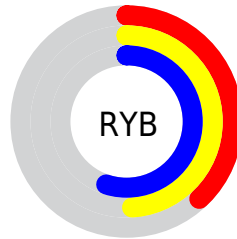
The Hex color **608B75** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B6076**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **94C1A9**, and **2F5945** is the 20% darker color. If you saturate the color by 10%, you get **528B6E**, and if you desaturate by 10%, it is **6E8B7C**.

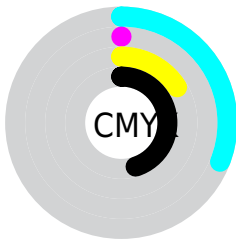
# Distribution



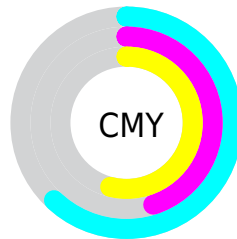
- Red (38%)
- Green (55%)
- Blue (46%)



- Red (38%)
- Yellow (49%)
- Blue (55%)



- Cyan (31%)
- Magenta (0%)
- Yellow (16%)
- Black (45%)



- Cyan (62%)
- Magenta (45%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 608B75 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 608B75 by changing the saturation by 10% instead.



 608B75

 608B75

FFFFFF

 47715C

 94C1A9

 2F5945

 AFDDC4

 18412F

 CAF9E0

 002B1A

 E7FFFD

 001800

 000000

 608B75

 608B75

 528B6E

 6E8B7C

 448B67

 7C8B83

368B60

8A8B8A

288B59

988B91

1A8B51

A68B99

0D8B4A

B38BA0

008B44

C18BA7

CF8BAE

DD8BB5

# Harmonies

## Analogous

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



758866



608B75



508C88

# Triad

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



608B75



7481A5



A4776B

# Complementary

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



608B75



8B6076

# 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.



A6757C



608B75



8C7B9D

# Square

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



608B75



5C87A3



9E768E



9A7D60

# Rectangle

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



608B75



4C8B93



9E768E



A67670



# Sweetspot

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



608B75



A5B5AD



768B60



525C57



DBDBDB



5C5C5C



# Same Dimension

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



608B75



72B593



608B8A



3E4541



008541



000502



# Inverse Universe

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



8B6076



B57294



8B6061



453E41



850044



050003



# Previews

## White Background



This preview shows how the Hex color 608B75 looks on a white background.

## Color Contrast Check

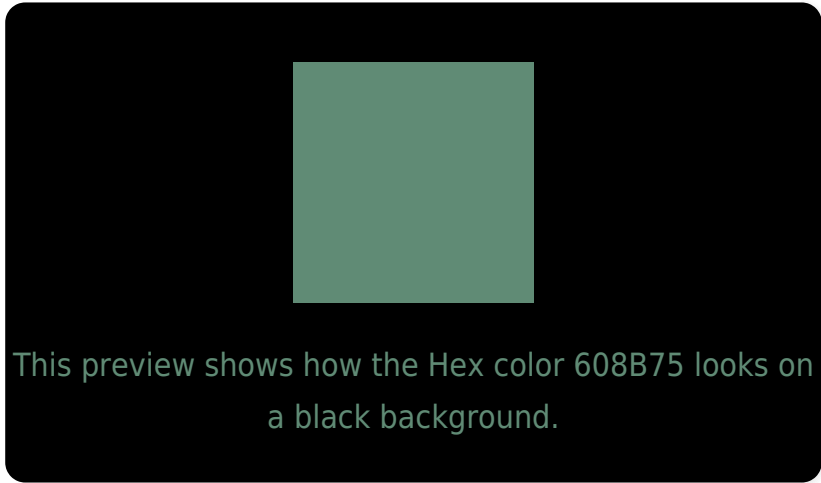
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

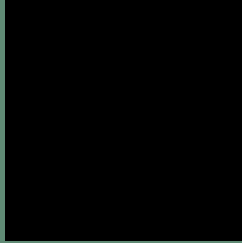
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 608B75 Background



This preview shows how black text looks on a background with the Hex color 608B75.

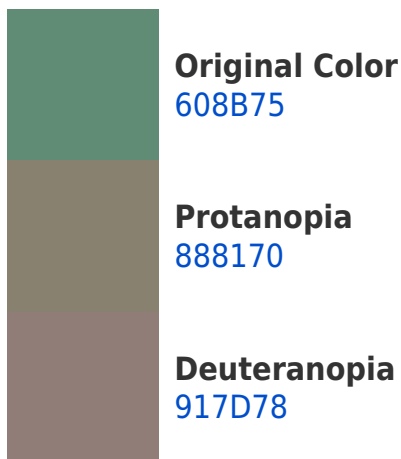


This preview shows how white text looks on a background with the Hex color 608B75.

# 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**  
668792

# Trichromacy



**Original Color**  
608B75

**Protanomaly**  
798572

**Deuteranomaly**  
7F8277

**Tritanomaly**  
648887

# Monochromacy



**Original Color**  
608B75

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
728179

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 608B75 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 #608B75 looks like.

```
.text, #text, p{  
    color:#608B75  
}
```

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 #608B75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #608B75
}
```

## Border

The CSS property to change the border of an element to Hex 608B75 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
#608B75 }
```

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

```
.border{ border-color:#608B75 }
```

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

Here you see how a box with a 4 pixel #608B75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #608B75; -webkit-box-shadow:4px 4px  
4px 4px #608B75; box-shadow:4px 4px 4px  
4px #608B75 }
```

# Background

The CSS property to change the background color of an element to Hex 608B75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#608B75 }
```

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

```
.background{ background-color:#608B75 }
```

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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