

Converting Colors

Hex(508677)

Have a look what the booklet for
Hex(508677) contains.

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Color

Hex(508677)

Conversions

Conversions Part 1

Format	Color
Hex	508677
RGB	80, 134, 119
RGB Percent	31%, 53%, 47%
CMY	0.6863, 0.4745, 0.5333
CMYK	0.40, 0.00, 0.11, 0.47
HSL	163°, 25%, 42%
HSV	163°, 40%, 53%
XYZ	15.1631, 20.0876, 20.5309
YIQ	116.1440, -27.3690, -16.1130

Conversions

Conversions Part 2

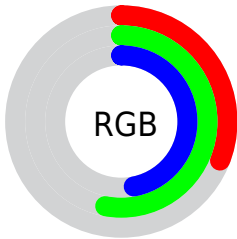
Format	Color
RYB	80, 111, 134
Decimal	5277303
CIELab	51.94, -21.65, 2.44
CIElCh	52, 21.788, 173.558
Yxy	20.0876, 0.2718, 0.3601
Android (android.graphics.Color)	4283467383 (0xFF508677)
YUV	116.1440, 1.4080, -31.6983
Hunter-Lab	44.8192, -18.0438, 4.2137

Details

The Hex color **508677** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **86505F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **84BBAB**, and **1D5447** is the 20% darker color. If you saturate the color by 10%, you get **438673**, and if you desaturate by 10%, it is **5D867B**.

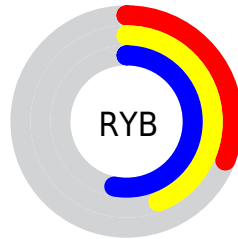
Distribution



Red (31%)

Green (53%)

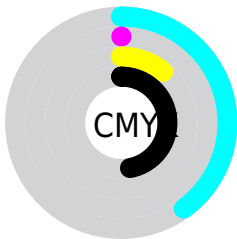
Blue (47%)



Red (31%)

Yellow (44%)

Blue (53%)

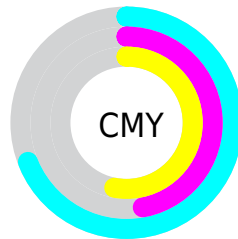


Cyan (40%)

Magenta (0%)

Yellow (11%)

Black (47%)



Cyan (69%)

Magenta (47%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 508677 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 508677 by changing the saturation by 10% instead.

 508677

 508677

FFFFFF

 376D5E

 84BBAB

 1D5447

 9FD7C6

 003D30

 BAF4E2

 00261C

 D6FFFF

 000D01

 F3FFFF

 000000

 508677

 508677

 438673

 5D867B

 358670

 6B867E

■ 28866C

■ 788682

■ 1A8668

■ 868686

■ 0D8664

■ 93868A

■ 008661

■ A0868D

■ AE8691

■ BB8695

■ C98699

Harmonies

Analogous

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



648465



508677



43868A

Triad

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



508677



79789E



9B735F

Complementary

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



508677



86505F

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.



A26F6E



508677



907292

Square

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



508677



5E7FA0



9E6E81



8D7957

Rectangle

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



508677



448595



9E6E81



9E7163

Sweetspot

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



508677



99ADA8



5F8650



4B5753



D6D6D6



575757

Same Dimension

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



508677



5AAD96



507A86



3C4240



00825E



000302

Inverse Universe

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



86505F



AD5A71



865C50



423C3E



820024



030001

Previews

White Background



This preview shows how the Hex color 508677 looks on a white background.

Color Contrast Check

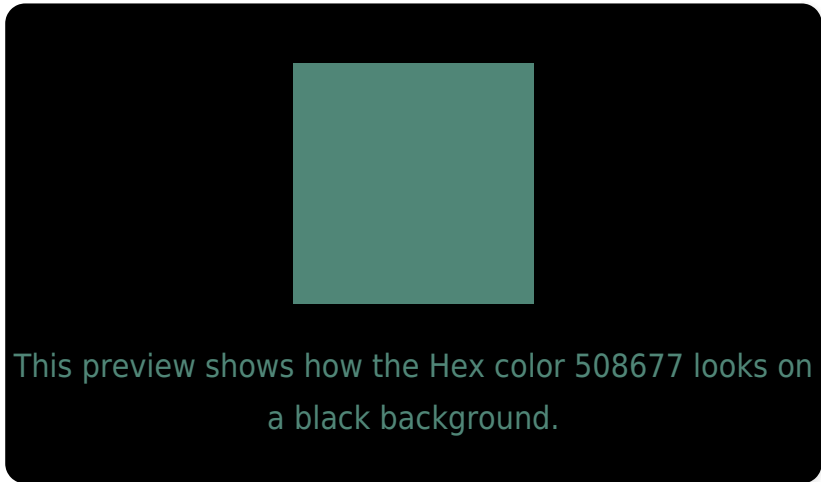
Large Text (above 18pt) WCAG AA ✓ Pass

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

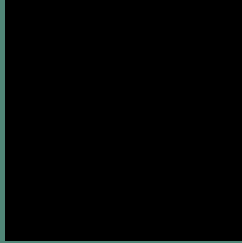
Any Text WCAG AA ✓ Pass

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 508677 Background



This preview shows how black text looks on a background with the Hex color 508677.

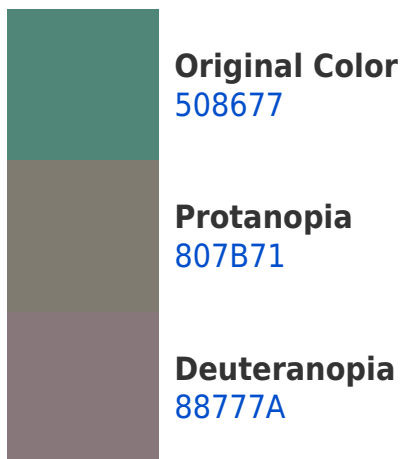



This preview shows how white text looks on a background with the Hex color 508677.

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
56838D

Trichromacy



Original Color
508677

Protanomaly
6F7F73

Deuteranomaly
747C79

Tritanomaly
548485

Monochromacy



Original Color
508677

Achromatopsia
747474

Achromatomaly
677B75

CSS Examples

Text

The CSS property to change the color of the text to Hex 508677 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 #508677 looks like.

```
.text, #text, p{  
    color:#508677  
}
```

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 #508677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #508677  
}
```

Border

The CSS property to change the border of an element to Hex 508677 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  
#508677 }
```

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

```
.border{ border-color:#508677 }
```

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

Here you see how a box with a 4 pixel #508677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #508677; -webkit-box-shadow:4px 4px  
4px 4px #508677; box-shadow:4px 4px 4px  
4px #508677 }
```

Background

The CSS property to change the background color of an element to Hex 508677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#508677 }
```

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

```
.background{ background-color:#508677 }
```

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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