

# Converting Colors

Hex(509483)

Have a look what the booklet for  
Hex(509483) contains.

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# Color

Hex(509483)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 509483                       |
| RGB         | 80, 148, 131                 |
| RGB Percent | 31%, 58%, 51%                |
| CMY         | 0.6863, 0.4196, 0.4863       |
| CMYK        | 0.46, 0.00, 0.11, 0.42       |
| HSL         | 165°, 30%, 45%               |
| HSV         | 165°, 46%, 58%               |
| XYZ         | 17.9949, 24.5240, 25.2579    |
| YIQ         | 125.7300, -35.0710, -19.7030 |

# Conversions

## Conversions Part 2

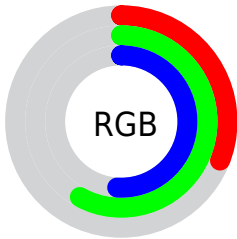
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 80, 119, 148                  |
| Decimal                             | 5280899                       |
| CIELab                              | 56.61, -25.86, 2.30           |
| CIElCh                              | 57, 25.966, 174.919           |
| Yxy                                 | 24.5240, 0.2655,<br>0.3618    |
| Android<br>(android.graphics.Color) | 4283470979<br>(0xFF509483)    |
| YUV                                 | 125.7300, 2.5981,<br>-40.1052 |
| Hunter-Lab                          | 49.5217, -21.8007,<br>4.4251  |

# Details

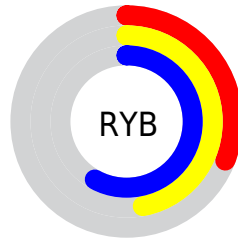
The Hex color **509483** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **945061**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **85CAB8**, and **196152** is the 20% darker color. If you saturate the color by 10%, you get **41947F**, and if you desaturate by 10%, it is **5F9487**.

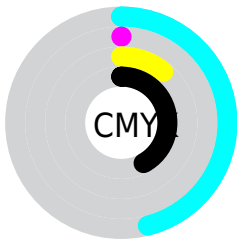
# Distribution



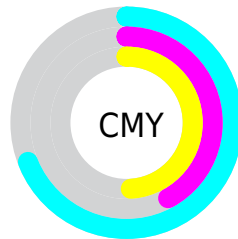
- Red (31%)
- Green (58%)
- Blue (51%)



- Red (31%)
- Yellow (47%)
- Blue (58%)



- Cyan (46%)
- Magenta (0%)
- Yellow (11%)
- Black (42%)



- Cyan (69%)
- Magenta (42%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 509483 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 509483 by changing the saturation by 10% instead.



 509483

 509483

FFFFFF

 367A6A

 85CAB8

 196152

 A1E7D4

 00493B

 BCFFF0

 003225

 D9FFFF

 001F10

 F6FFFF

 000000

 509483

 509483

 41947F

 5F9487

 32947C

 6E948A

■ 249478

■ 7C948E

■ 159474

■ 8B9492

■ 069470

■ 9A9496

■ 00946F

■ A99499

■ B8949D

■ C694A1

■ D594A4

# Harmonies

## Analogous

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



6A916D



509483



3F949A

# Triad

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



509483



8683B1



AD7D64

# Complementary

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



509483



945061

# 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.



B57876



509483



A17CA2

# Square

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



509483



648BB4



B1778D



9B855B

# Rectangle

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



509483



4192A7



B1778D



B07B69



# Sweetspot

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



509483



A4BFB9



619450



50615D



E0E0E0



616161



# Same Dimension

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



509483



56BFA5



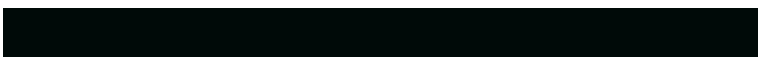
508494



434A48



008A67



000A08



# Inverse Universe

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



945061



BF5670



946150



4A4344



8A0022

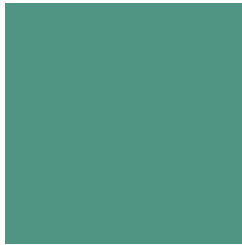


0A0003



# Previews

## White Background



This preview shows how the Hex color 509483 looks on a white background.

## Color Contrast Check

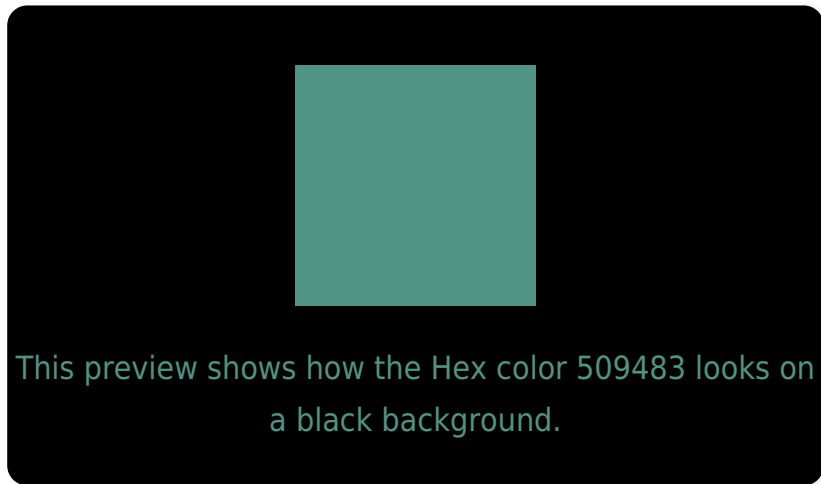
Large Text (above 18pt) WCAG AA ✓ Pass

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

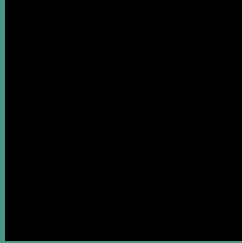
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 509483 Background



This preview shows how black text looks on a background with the Hex color 509483.

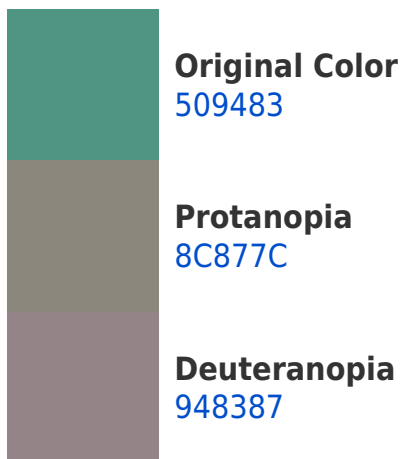


This preview shows how white text looks on a background with the Hex color 509483.

# 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**  
57909C

# Trichromacy



**Original Color**  
509483

**Protanomaly**  
768C7F

**Deuteranomaly**  
7B8986

**Tritanomaly**  
549193

# Monochromacy



**Original Color**  
509483

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
6D8680

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 509483 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 #509483 looks like.

```
.text, #text, p{  
    color:#509483  
}
```

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 #509483 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509483
}
```

## Border

The CSS property to change the border of an element to Hex 509483 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
#509483 }
```

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

```
.border{ border-color:#509483 }
```

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

Here you see how a box with a 4 pixel #509483 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509483; -webkit-box-shadow:4px 4px  
4px 4px #509483; box-shadow:4px 4px 4px  
4px #509483 }
```

# Background

The CSS property to change the background color of an element to Hex 509483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509483 }
```

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

```
.background{ background-color:#509483 }
```

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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