

# Converting Colors

Hex(508019)

Have a look what the booklet for  
Hex(508019) contains.

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**Color**

**Hex(508019)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	508019
RGB	80, 128, 25
RGB Percent	31%, 50%, 10%
CMY	0.6863, 0.4980, 0.9020
CMYK	0.38, 0.00, 0.80, 0.50
HSL	88°, 67%, 30%
HSV	88°, 80%, 50%
XYZ	11.2029, 17.2140, 3.6519
YIQ	101.9060, 4.4550, -42.2090

# Conversions

## Conversions Part 2

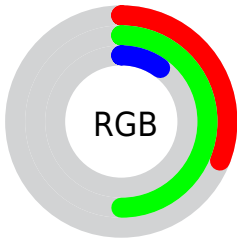
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 128, 73
Decimal	5275673
CIELab	48.53, -32.99, 46.76
CIELCh	49, 57.224, 125.204
Yxy	17.2140, 0.3493, 0.5368
Android (android.graphics.Color)	4283465753 (0xFF508019)
YUV	101.9060, -37.9147, -19.2116
Hunter-Lab	41.4898, -24.4092, 23.8242

# Details

The Hex color **508019** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **491980**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **85B54E**, and **1B4E00** is the 20% darker color. If you saturate the color by 10%, you get **4A800C**, and if you desaturate by 10%, it is **568026**.

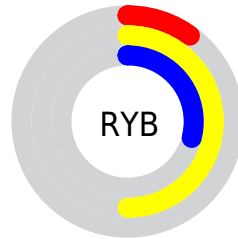
# Distribution



Red (31%)

Green (50%)

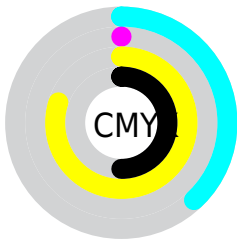
Blue (10%)



Red (10%)

Yellow (50%)

Blue (29%)

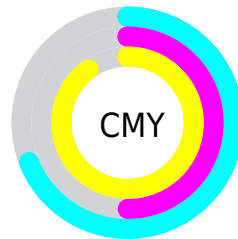


Cyan (38%)

Magenta (0%)

Yellow (80%)

Black (50%)



Cyan (69%)

Magenta (50%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 508019 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 508019 by changing the saturation by 10% instead.



 508019

 508019

FFFFFF

 366700

 85B54E

 1B4E00

 A1D168

 003700

 BDED82

 002300

 D9FF9D

 000000

 F7FFB9

 FFFFD5

 FFFFF2

 508019

 508019

■ 4A800C

■ 568026

■ 448000

■ 5C8033

■ 62803F

■ 68804C

■ 6E8059

■ 748066

■ 7A8073

■ 80807F

■ 86808C

# Harmonies

## Analogous

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



837400



508019



008748

# Triad

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



508019



0083CB



C9416D

# Complementary

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



508019



491980

# 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.



B44C9D



508019



0076D4

# Square

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



508019



0089AA



7E62C3



C34C3E

# Rectangle

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



508019



00896A



7E62C3



C5427D



# Sweetspot

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



508019



93A67E



804719



49543C



D4D4D4



545454



# Same Dimension

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



508019



5BA605



1E8019



3D4039



448000



000000



# Inverse Universe

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



491980



5005A6



7B1980



3C3940



3B0080



000000



# Previews

## White Background



This preview shows how the Hex color 508019 looks on a white background.

## Color Contrast Check

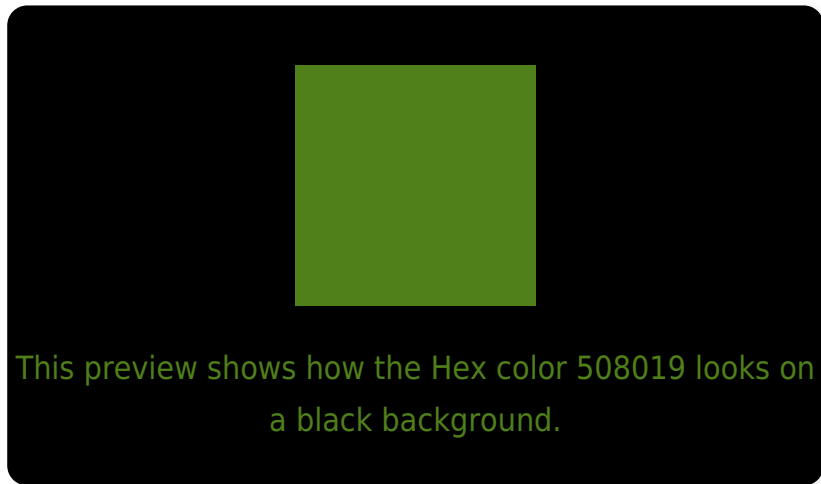
Large Text (above 18pt) WCAG AA ✓ Pass

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 508019 Background



This preview shows how black text looks on a background with the Hex color 508019.



This preview shows how white text looks on a background with the Hex color 508019.

# 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**  
508019

**Protanopia**  
817316

**Deuteranopia**  
906D23



**Tritanopia**  
5E7781

# Trichromacy



**Original Color**  
508019

**Protanomaly**  
6F7817

**Deuteranomaly**  
79741F

**Tritanomaly**  
597A5B

# Monochromacy



**Original Color**  
508019

**Achromatopsia**  
666666

**Achromatomaly**  
5E6F4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 508019 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 #508019 looks like.

```
.text, #text, p{  
    color:#508019  
}
```

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 #508019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #508019
}
```

## Border

The CSS property to change the border of an element to Hex 508019 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
#508019 }
```

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

```
.border{ border-color:#508019 }
```

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

Here you see how a box with a 4 pixel #508019 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #508019; -webkit-box-shadow:4px 4px  
4px 4px #508019; box-shadow:4px 4px 4px  
4px #508019 }
```

# Background

The CSS property to change the background color of an element to Hex 508019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#508019 }
```

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

```
.background{ background-color:#508019 }
```

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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