

# Converting Colors

Hex(508F05)

Have a look what the booklet for  
Hex(508F05) contains.

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**Color**

**Hex(508F05)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	508F05
RGB	80, 143, 5
RGB Percent	31%, 56%, 2%
CMY	0.6863, 0.4392, 0.9804
CMYK	0.44, 0.00, 0.97, 0.44
HSL	87°, 93%, 29%
HSV	87°, 97%, 56%
XYZ	13.1581, 21.3614, 3.5732
YIQ	108.4310, 6.7500, -56.2740

# Conversions

## Conversions Part 2

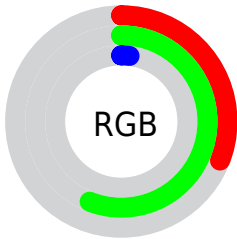
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 143, 68
Decimal	5279493
CIELab	53.34, -40.24, 55.52
CIELCh	53, 68.570, 125.929
Yxy	21.3614, 0.3454, 0.5608
Android (android.graphics.Color)	4283469573 (0xFF508F05)
YUV	108.4310, -50.9915, -24.9340
Hunter-Lab	46.2183, -30.0641, 27.7690

# Details

The Hex color **508F05** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **44058F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **87C546**, and **155C00** is the 20% darker color. If you saturate the color by 10%, you get **4E8F00**, and if you desaturate by 10%, it is **578F13**.

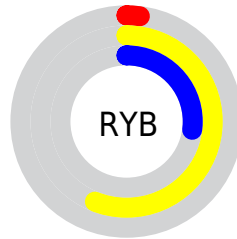
# Distribution



Red (31%)

Green (56%)

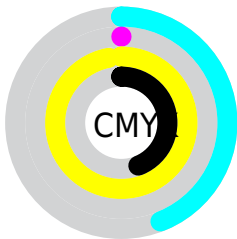
Blue (2%)



Red (2%)

Yellow (56%)

Blue (27%)

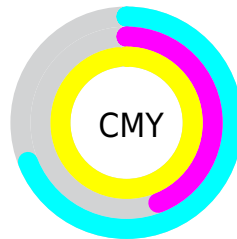


Cyan (44%)

Magenta (0%)

Yellow (97%)

Black (44%)



Cyan (69%)

Magenta (44%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 508F05 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 508F05 by changing the saturation by 10% instead.



 508F05

 508F05

FFFFFF

 347500

 87C546

 155C00

 A3E261

 004400

 C0FE7C

 002D00

 DDF97

 001400

 FBFB3

 000000

 FFFD0

 FFFFED

 508F05

 508F05


 4E8F00

 578F13

 5D8F22

 648F30

 6A8F3E

 718F4D

 778F5B

 7E8F69

 848F77

 8B8F86

# Harmonies

## Analogous

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



8F8100



508F05



00974C

# Triad

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



508F05



0092EB



E63B76

# Complementary

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



508F05



44058F

# 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.



CE4BB1



508F05



0083F6

# Square

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



508F05



0099C4



8E6AE0



DF4E3D

# Rectangle

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



508F05



009975



8E6AE0



E23D8A



# Sweetspot

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



508F05



A2BA84



8F4305



4F5E3D



DEDEDE



5E5E5E



# Same Dimension

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



508F05



65BA00



0C8F05



444740



498700



040800



# Inverse Universe

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



44058F



5500BA



88058F



444047



3E0087



030008



# Previews

## White Background



This preview shows how the Hex color 508F05 looks on a white background.

## Color Contrast Check

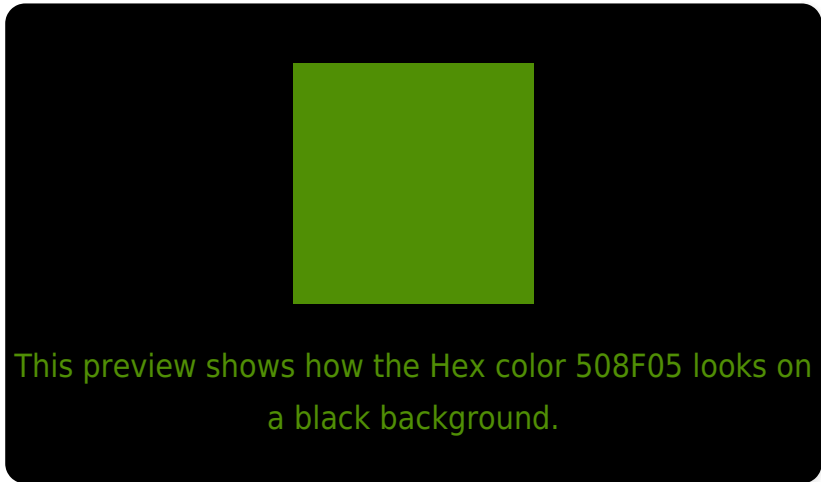
Large Text (above 18pt) WCAG AA ✓ Pass

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 508F05 Background



This preview shows how black text looks on a background with the Hex color 508F05.



This preview shows how white text looks on a background with the Hex color 508F05.

# 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**  
508F05

**Protanopia**  
8F7F00

**Deuteranopia**  
A0781D



**Tritanopia**  
618590

# Trichromacy



**Original Color**  
508F05

**Protanomaly**  
788502

**Deuteranomaly**  
838014

**Tritanomaly**  
5B895D

# Monochromacy



**Original Color**  
508F05

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
627947

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 508F05 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 #508F05 looks like.

```
.text, #text, p{  
    color:#508F05  
}
```

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 #508F05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #508F05
}
```

## Border

The CSS property to change the border of an element to Hex 508F05 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
#508F05 }
```

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

```
.border{ border-color:#508F05 }
```

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

Here you see how a box with a 4 pixel #508F05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #508F05; -webkit-box-shadow:4px 4px  
4px 4px #508F05; box-shadow:4px 4px 4px  
4px #508F05 }
```

# Background

The CSS property to change the background color of an element to Hex 508F05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#508F05 }
```

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

```
.background{ background-color:#508F05 }
```

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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