

# Converting Colors

Hex(058B0B)

Have a look what the booklet for  
Hex(058B0B) contains.

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**Color**

**Hex(058B0B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	058B0B
RGB	5, 139, 11
RGB Percent	2%, 55%, 4%
CMY	0.9804, 0.4549, 0.9569
CMYK	0.96, 0.00, 0.92, 0.45
HSL	123°, 93%, 28%
HSV	123°, 96%, 55%
XYZ	9.3556, 18.5217, 3.3986
YIQ	84.3420, -38.7760, -68.2160

# Conversions

## Conversions Part 2

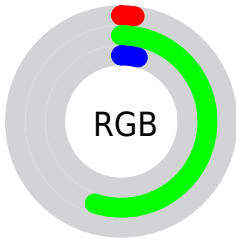
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 133, 139
Decimal	363275
CIELab	50.12, -54.15, 51.03
CIELCh	50, 74.411, 136.698
Yxy	18.5217, 0.2991, 0.5922
Android (android.graphics.Color)	4278553355 (0xFF058B0B)
YUV	84.3420, -36.1576, -69.5829
Hunter-Lab	43.0368, -36.5110, 25.4437

# Details

The Hex color **058B0B** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8B0585**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **56C247**, and **005700** is the 20% darker color. If you saturate the color by 10%, you get **008B06**, and if you desaturate by 10%, it is **138B18**.

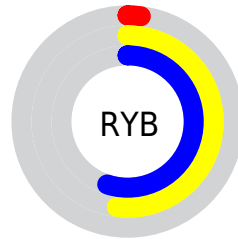
# Distribution



Red (2%)

Green (55%)

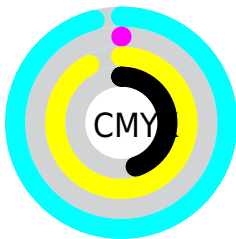
Blue (4%)



Red (2%)

Yellow (52%)

Blue (55%)

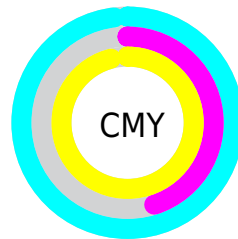


Cyan (96%)

Magenta (0%)

Yellow (92%)

Black (45%)



Cyan (98%)

Magenta (45%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 058B0B 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 058B0B by changing the saturation by 10% instead.



 058B0B

 058B0B

FFFFFF

 007100

 56C247

 005700

 74DE61

 003F00

 91FB7C

 002800

 AEFF97

 000100

 CCFFB3

 000000

 E9FFCF

 FFFFEC

 058B0B

 058B0B

■ 008B06

■ 138B18

■ 218B26

■ 2F8B33

■ 3D8B40

■ 4B8B4D

■ 588B5B

■ 668B68

■ 748B75

■ 828B82

# Harmonies

## Analogous

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



707F00



058B0B



009158

# Triad

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



058B0B



0087F4



E42557

# Complementary

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



058B0B



8B0585

# 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.



D82B96



058B0B



0073F2

# Square

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



058B0B



0090D3



A452CF



D14A18

# Rectangle

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



058B0B



009284



A452CF



E41F6C



# Sweetspot

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



058B0B



81B583



878B05



3C5C3D



DBDBDB



5C5C5C



# Same Dimension

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



058B0B



00B508



058B4C



3E453E



008506



000500



# Inverse Universe

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



8B0585



B500AD



8B0544



453E45



85007F

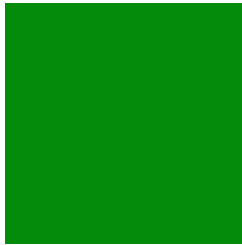


050005



# Previews

## White Background



This preview shows how the Hex color 058B0B looks on a white background.

## Color Contrast Check

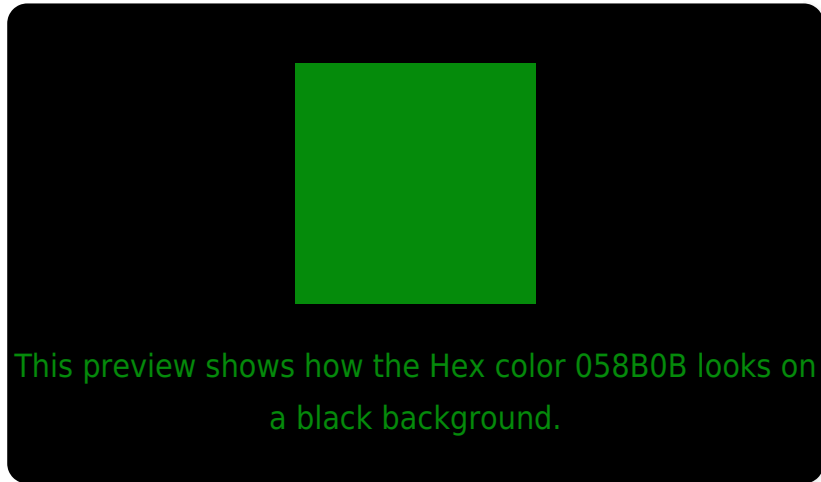
Large Text (above 18pt) WCAG AA ✓ Pass

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 058B0B Background



This preview shows how black text looks on a background with the Hex color 058B0B.



This preview shows how white text looks on a background with the Hex color 058B0B.

# 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**  
058B0B

**Protanopia**  
867700

**Deuteranopia**  
957120



**Tritanopia**  
3A818C

# Trichromacy



**Original Color**  
058B0B



**Protanomaly**  
577E04



**Deuteranomaly**  
617A18



**Tritanomaly**  
27855D

# Monochromacy



**Original Color**  
058B0B



**Achromatopsia**  
545454



**Achromatomaly**  
376839

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 058B0B 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 #058B0B looks like.

```
.text, #text, p{  
    color:#058B0B  
}
```

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 #058B0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #058B0B
}
```

## Border

The CSS property to change the border of an element to Hex 058B0B 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".

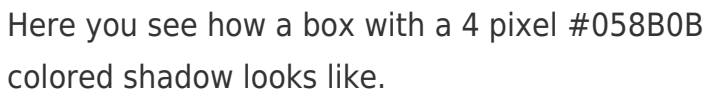
```
.border, #border, table{ border:4px solid
#058B0B }
```

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

```
.border{ border-color:#058B0B }
```

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

Here you see how a box with a 4 pixel #058B0B colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #058B0B; -webkit-box-shadow:4px 4px  
4px 4px #058B0B; box-shadow:4px 4px 4px  
4px #058B0B }
```

# Background

The CSS property to change the background color of an element to Hex 058B0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#058B0B }
```

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

```
.background{ background-color:#058B0B }
```

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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