

# Converting Colors

Hex(568E0B)

Have a look what the booklet for  
Hex(568E0B) contains.

<b>Hex(568E0B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(568E0B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	568E0B
RGB	86, 142, 11
RGB Percent	34%, 56%, 4%
CMY	0.6627, 0.4431, 0.9569
CMYK	0.39, 0.00, 0.92, 0.44
HSL	86°, 86%, 30%
HSV	86°, 92%, 56%
XYZ	13.5712, 21.3486, 3.7220
YIQ	110.3220, 8.6750, -52.6130

# Conversions

## Conversions Part 2

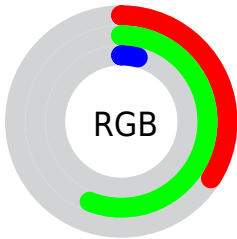
Format	Color
<a href="#">RYB</a>	<a href="#">11, 142, 67</a>
Decimal	<a href="#">5672459</a>
CIELab	<a href="#">53.33, -37.50, 54.62</a>
CIElCh	<a href="#">53, 66.256, 124.468</a>
Yxy	<a href="#">21.3486, 0.3512, 0.5525</a>
Android (android.graphics.Color)	<a href="#">4283862539 (0xFF568E0B)</a>
YUV	<a href="#">110.3220, -48.9657, -21.3304</a>
Hunter-Lab	<a href="#">46.2045, -28.4291, 27.5670</a>

# Details

The Hex color **568E0B** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **430B8E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8DC449**, and **1E5B00** is the 20% darker color. If you saturate the color by 10%, you get **518E00**, and if you desaturate by 10%, it is **5C8E19**.

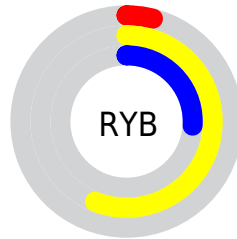
# Distribution



Red (34%)

Green (56%)

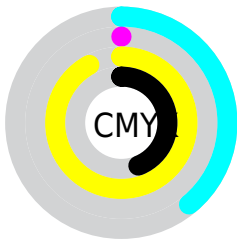
Blue (4%)



Red (4%)

Yellow (56%)

Blue (26%)

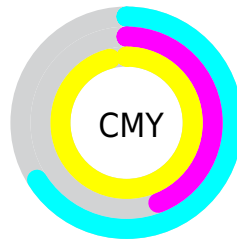


Cyan (39%)

Magenta (0%)

Yellow (92%)

Black (44%)



Cyan (66%)

Magenta (44%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 568E0B 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 568E0B by changing the saturation by 10% instead.





568E0B



568E0B

FFFFFF



3B7400



8DC449



1E5B00



A9E063



004300



C5FD7E



002C00



E2FF99



001400



FFFFB5



000000



FFFFD2



FFFFEF



568E0B



568E0B

■ 518E00

■ 5C8E19

■ 628E27

■ 688E36

■ 6E8E44

■ 748E52

■ 7A8E60

■ 808E6E

■ 878E7D

■ 8D8E8B

# Harmonies

## Analogous

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



928000



568E0B



00964B

# Triad

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



568E0B



0092E6



E34079

# Complementary

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



568E0B



430B8E

# 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.



CA4FB2



568E0B



0084F2

# Square

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



568E0B



0098BF



896CDE



DD4F42

# Rectangle

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



568E0B



009873



896CDE



DE428C



# Sweetspot

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



568E0B



A2B884



8E420B



4E5C3D



DBDBDB



5C5C5C



# Same Dimension

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



568E0B



69B800



168E0B



444740



4D8700



040800



# Inverse Universe

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



430B8E



4E00B8



830B8E



434047



3A0087



030008



# Previews

## White Background



This preview shows how the Hex color 568E0B looks on a white background.

## Color Contrast Check

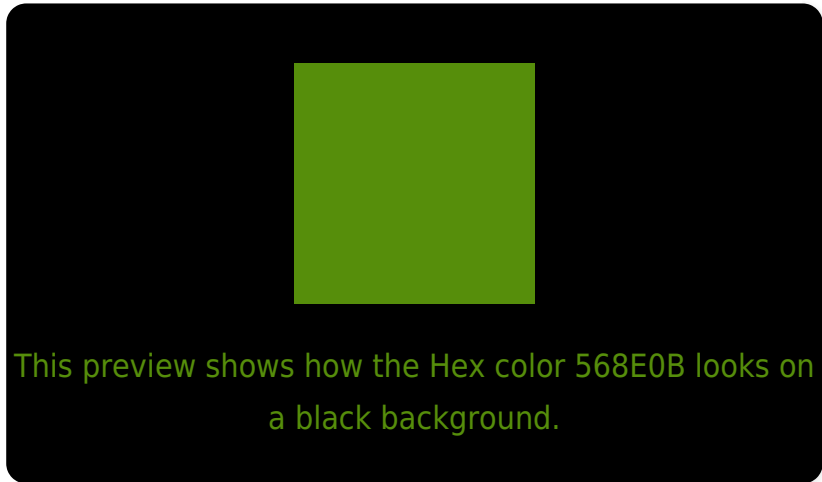
Large Text (above 18pt) WCAG AA ✓ Pass

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 568E0B Background



This preview shows how black text looks on a background with the Hex color 568E0B.

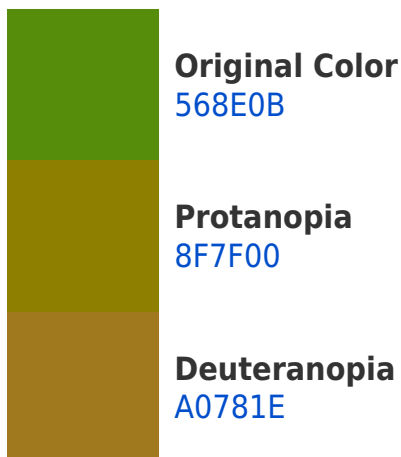



This preview shows how white text looks on a background with the Hex color 568E0B.

# 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**  
66848F

# Trichromacy



**Original Color**  
568E0B

**Protanomaly**  
7A8404

**Deuteranomaly**  
858017

**Tritanomaly**  
60885F

# Monochromacy



**Original Color**  
568E0B

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
657A4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 568E0B 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 #568E0B looks like.

```
.text, #text, p{  
    color:#568E0B  
}
```

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 #568E0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #568E0B
}
```

## Border

The CSS property to change the border of an element to Hex 568E0B 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
#568E0B }
```

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

```
.border{ border-color:#568E0B }
```

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

Here you see how a box with a 4 pixel #568E0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #568E0B; -webkit-box-shadow:4px 4px  
4px 4px #568E0B; box-shadow:4px 4px 4px  
4px #568E0B }
```

# Background

The CSS property to change the background color of an element to Hex 568E0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#568E0B }
```

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

```
.background{ background-color:#568E0B }
```

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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