

Converting Colors

Hex(5BBF08)

Have a look what the booklet for
Hex(5BBF08) contains.

Hex(5BBF08)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5BBF08)

Conversions

Conversions Part 1

Format	Color
Hex	5BBF08
RGB	91, 191, 8
RGB Percent	36%, 75%, 3%
CMY	0.6431, 0.2510, 0.9686
CMYK	0.52, 0.00, 0.96, 0.25
HSL	93°, 92%, 39%
HSV	93°, 96%, 75%
XYZ	22.9890, 39.5033, 6.6430
YIQ	140.2380, -0.8570, -78.1130

Conversions

Conversions Part 2

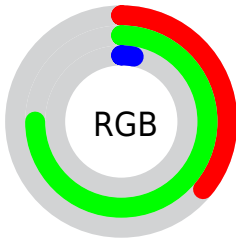
Format	Color
RYB	8, 191, 108
Decimal	6012680
CIELab	69.11, -55.34, 68.01
CIELCh	69, 87.686, 129.135
Yxy	39.5033, 0.3325, 0.5714
Android (android.graphics.Color)	4284202760 (0xFF5BBF08)
YUV	140.2380, -65.1933, -43.1817
Hunter-Lab	62.8516, -44.7011, 37.7296

Details

The Hex color **5BBF08** is a dark color, and the websafe version is hex **66CC00**. A complement of this color would be **6C08BF**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **97F852**, and **0D8800** is the 20% darker color. If you saturate the color by 10%, you get **57BF00**, and if you desaturate by 10%, it is **65BF1B**.

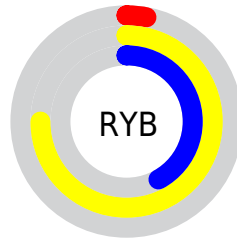
Distribution



Red (36%)

Green (75%)

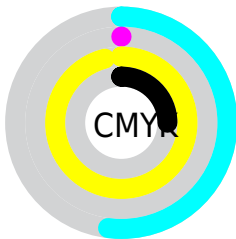
Blue (3%)



Red (3%)

Yellow (75%)

Blue (42%)

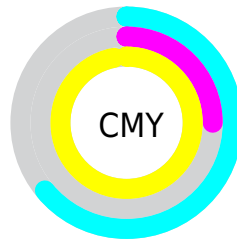


Cyan (52%)

Magenta (0%)

Yellow (96%)

Black (25%)



Cyan (64%)

Magenta (25%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BBF08 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 5BBF08 by changing the saturation by 10% instead.

 5BBF08

 5BBF08

FFFFFF

 3BA300

 97F852

 0D8800

 B4FF6E

 006E00

 D2FF8A

 005500

 F0FFA7

 003C00

 FFFFC4

 002600

 FFFFE1

 000000

FFFFFFE

 5BBF08

 5BBF08

■ 57BF00

■ 65BF1B

■ 70BF2E

■ 7ABF41

■ 85BF54

■ 8FBF68

■ 9ABF7B

■ A4BF8E

■ AEBFA1

■ B9BFB4

Harmonies

Analogous

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



B5AD00



5BBF08



00C86C

Triad

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



5BBF08



00C0FF



FF4994

Complementary

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



5BBF08



6C08BF

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.



FF5CE3



5BBF08



00ABFF

Square

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



5BBF08



00CAFF



C887FF



FF6848

Rectangle

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



5BBF08



00CBA4



C887FF



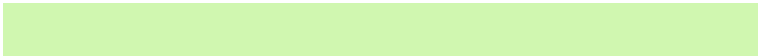
FF49AF

Sweetspot

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



5BBF08



D0F7B0



BF6A08



657D51



FCFCFC



7D7D7D

Same Dimension

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



5BBF08



70F700



08BF0E



595E55



489E00



0E1F00

Inverse Universe

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



6C08BF



8700F7



BF08B9



5A555E



56009E



11001F

Previews

White Background



This preview shows how the Hex color 5BBF08 looks on a white background.

Color Contrast Check

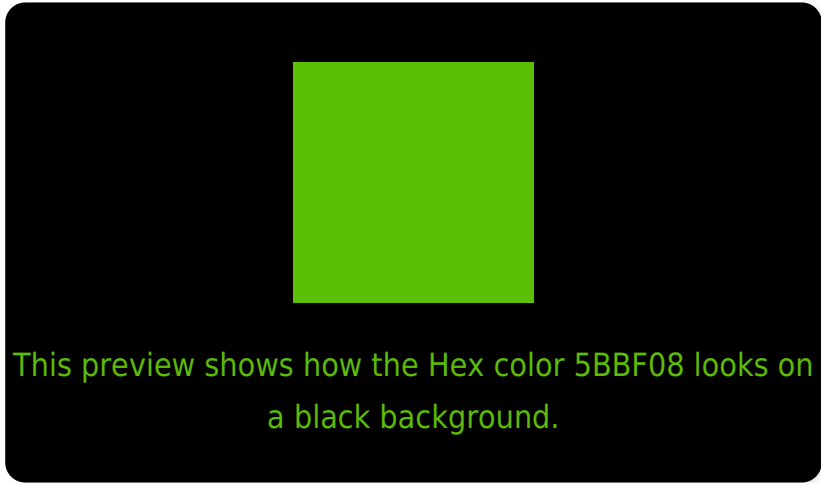
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 5BBF08 Background



This preview shows how black text looks on a background with the Hex color 5BBF08.

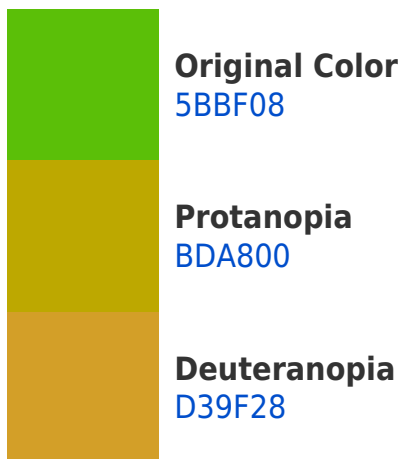


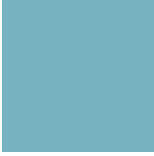
This preview shows how white text looks on a background with the Hex color 5BBF08.

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
76B2C0

Trichromacy



Original Color
5BBF08



Protanomaly
99B003



Deuteranomaly
A7AB1C



Tritanomaly
6CB77D

Monochromacy



Original Color
5BBF08



Achromatopsia
8C8C8C



Achromatomaly
7A9F5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BBF08 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 #5BBF08 looks like.

```
.text, #text, p{  
    color:#5BBF08  
}
```

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 #5BBF08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BBF08
}
```

Border

The CSS property to change the border of an element to Hex 5BBF08 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
#5BBF08 }
```

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

```
.border{ border-color:#5BBF08 }
```

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

Here you see how a box with a 4 pixel #5BBF08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BBF08; -webkit-box-shadow:4px 4px  
4px 4px #5BBF08; box-shadow:4px 4px 4px  
4px #5BBF08 }
```

Background

The CSS property to change the background color of an element to Hex 5BBF08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BBF08 }
```

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

```
.background{ background-color:#5BBF08 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor