

# Converting Colors

Hex(6BBC09)

Have a look what the booklet for  
Hex(6BBC09) contains.

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**Color**

**Hex(6BBC09)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6BBC09
RGB	107, 188, 9
RGB Percent	42%, 74%, 4%
CMY	0.5804, 0.2627, 0.9647
CMYK	0.43, 0.00, 0.95, 0.26
HSL	87°, 91%, 39%
HSV	87°, 95%, 74%
XYZ	24.0959, 39.1120, 6.5378
YIQ	143.3750, 9.1830, -72.8410

# Conversions

## Conversions Part 2

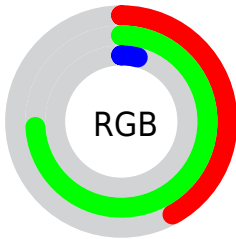
Format	Color
<a href="#">RYB</a>	<a href="#">9, 188, 90</a>
Decimal	<a href="#">7060489</a>
CIELab	<a href="#">68.83, -49.21, 67.95</a>
CIELCh	<a href="#">69, 83.892, 125.912</a>
Yxy	<a href="#">39.1120, 0.3455, 0.5608</a>
Android (android.graphics.Color)	<a href="#">4285250569</a> ( <a href="#">0xFF6BBC09</a> )
YUV	<a href="#">143.3750, -66.2469, -31.9009</a>
Hunter-Lab	<a href="#">62.5396, -40.6698, 37.5796</a>

# Details

The Hex color **6BBC09** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **5A09BC**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A5F552**, and **2D8600** is the 20% darker color. If you saturate the color by 10%, you get **67BC00**, and if you desaturate by 10%, it is **74BC1C**.

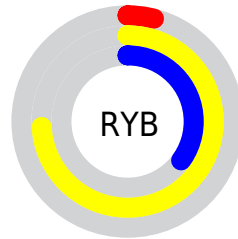
# Distribution



Red (42%)

Green (74%)

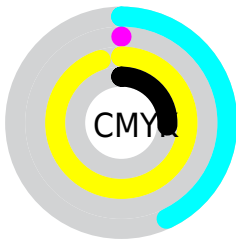
Blue (4%)



Red (4%)

Yellow (74%)

Blue (35%)

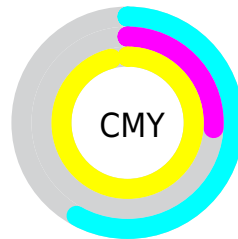


Cyan (43%)

Magenta (0%)

Yellow (95%)

Black (26%)



Cyan (58%)

Magenta (26%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BBC09 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 6BBC09 by changing the saturation by 10% instead.



 6BBC09

 6BBC09

FFFFFF

 4DA100

 A5F552

 2D8600

 C2FF6E

 006C00

 E0FF8A

 005300

 FEFFA7

 003B00

 FFFFC3

 002500

 FFFFEO

 000000

FFFFFFE

 6BBC09

 6BBC09

■ 67BC00

■ 74BC1C

■ 7CBC2F

■ 85BC41

■ 8DBC54

■ 96BC67

■ 9EBC7A

■ A7BC8D

■ AFBC9F

■ B8BCB2

# Harmonies

## Analogous

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



BCAA00



6BBC09



00C666

# Triad

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



6BBC09



00C0FF



FF509C

# Complementary

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



6BBC09



5A09BC

# 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.



FF65E7



6BBC09



00ADFF

# Square

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



6BBC09



00C9FF



BA8CFF



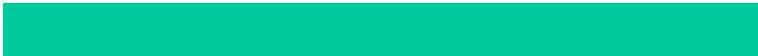
FF6853

# Rectangle

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



6BBC09



00C99B



BA8CFF



FF52B6

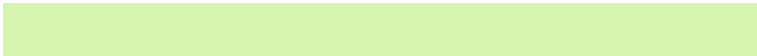


# Sweetspot

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



6BBC09



D5F5AE



BC5A09



677A50



FAFAFA



7A7A7A



# Same Dimension

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



6BBC09



86F500



12BC09



5A5E55



579E00



111F00



# Inverse Universe

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



5A09BC



6F00F5



B309BC



59555E



48009E

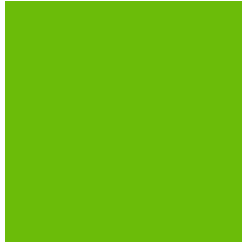


0E001F



# Previews

## White Background



This preview shows how the Hex color 6BBC09 looks on a white background.

## Color Contrast Check

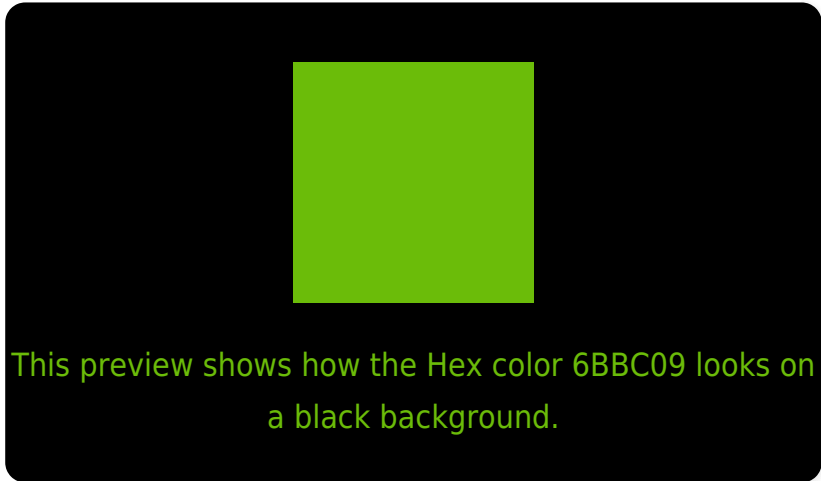
Large Text (above 18pt) WCAG AA × Fail

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 6BBC09 Background



This preview shows how black text looks on a background with the Hex color 6BBC09.

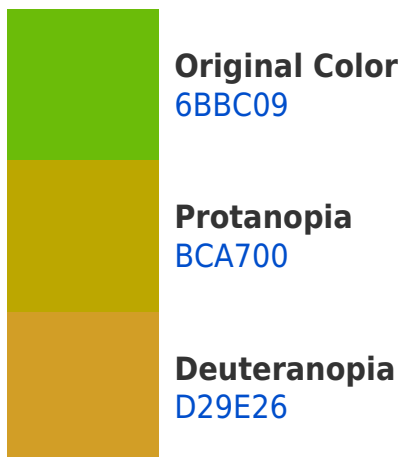


This preview shows how white text looks on a background with the Hex color 6BBC09.

# 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](#).

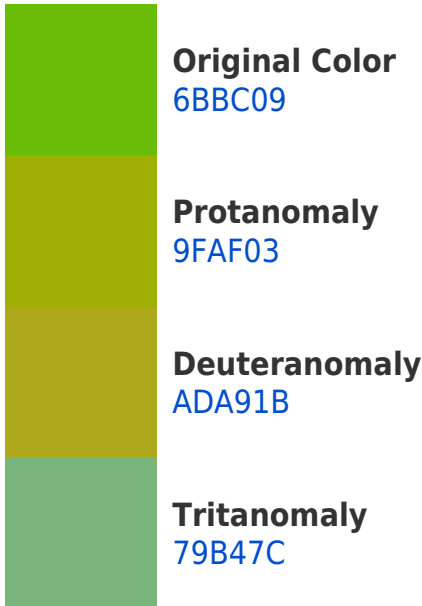
## Dichromacy





**Tritanopia**  
81AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BBC09 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 #6BBC09 looks like.

```
.text, #text, p{  
    color:#6BBC09  
}
```

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 #6BBC09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BBC09
}
```

## Border

The CSS property to change the border of an element to Hex 6BBC09 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
#6BBC09 }
```

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

```
.border{ border-color:#6BBC09 }
```

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

Here you see how a box with a 4 pixel #6BBC09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BBC09; -webkit-box-shadow:4px 4px  
4px 4px #6BBC09; box-shadow:4px 4px 4px  
4px #6BBC09 }
```

# Background

The CSS property to change the background color of an element to Hex 6BBC09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BBC09 }
```

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

```
.background{ background-color:#6BBC09 }
```

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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