

Converting Colors

Hex(65B909)

Have a look what the booklet for
Hex(65B909) contains.

Hex(65B909)	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(65B909)

Conversions

Conversions Part 1

Format	Color
Hex	65B909
RGB	101, 185, 9
RGB Percent	40%, 73%, 4%
CMY	0.6039, 0.2745, 0.9647
CMYK	0.45, 0.00, 0.95, 0.27
HSL	89°, 91%, 38%
HSV	89°, 95%, 73%
XYZ	22.7651, 37.4843, 6.2938
YIQ	139.8200, 6.4320, -72.5440

Conversions

Conversions Part 2

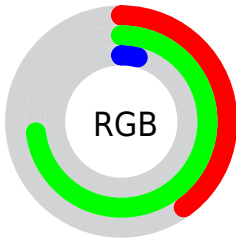
Format	Color
R _Y B	9, 185, 93
Decimal	6666505
CIE Lab	67.64, -50.00, 66.87
CIE LCh	68, 83.499, 126.783
Yxy	37.4843, 0.3421, 0.5633
Android (android.graphics.Color)	4284856585 (0xFF65B909)
YUV	139.8200, -64.4943, -34.0451
Hunter-Lab	61.2245, -40.7711, 36.7622

Details

The Hex color **65B909** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **5D09B9**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **9FF251**, and **258300** is the 20% darker color. If you saturate the color by 10%, you get **61B900**, and if you desaturate by 10%, it is **6EB91B**.

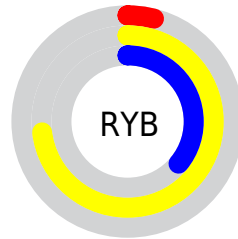
Distribution



Red (40%)

Green (73%)

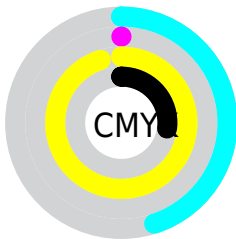
Blue (4%)



Red (4%)

Yellow (73%)

Blue (36%)

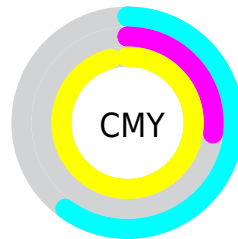


Cyan (45%)

Magenta (0%)

Yellow (95%)

Black (27%)



Cyan (60%)

Magenta (27%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B909 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 65B909 by changing the saturation by 10% instead.

 65B909

 65B909

FFFFFF

 479E00

 9FF251

 258300

 BCFF6D

 006900

 DAFF89

 005000

 F8FFA6

 003800

 FFFFC2

 002200

 FFFFDF

 000000

 FFFFFD

 65B909

 65B909

■ 61B900

■ 6EB91B

■ 77B92E

■ 7FB940

■ 88B953

■ 91B966

■ 9AB978

■ A3B98B

■ ACB99D

■ B4B9AF

Harmonies

Analogous

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



B6A700



65B909



00C266

Triad

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



65B909



00BCFF



FF4D97

Complementary

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



65B909



5D09B9

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.



FF61E2



65B909



00A9FF

Square

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



65B909



00C5FE



BA88FF



FF664E

Rectangle

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



65B909



00C69A



BA88FF



FF4FB0

Sweetspot

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



65B909



CFF0AA



B95B09



64784E



F7F7F7



787878

Same Dimension

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



65B909



7DF000



0FB909



575C53



519C00



0F1C00

Inverse Universe

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



5D09B9



7200F0



B309B9



57535C



4A009C



0D001C

Previews

White Background



This preview shows how the Hex color 65B909 looks on a white background.

Color Contrast Check

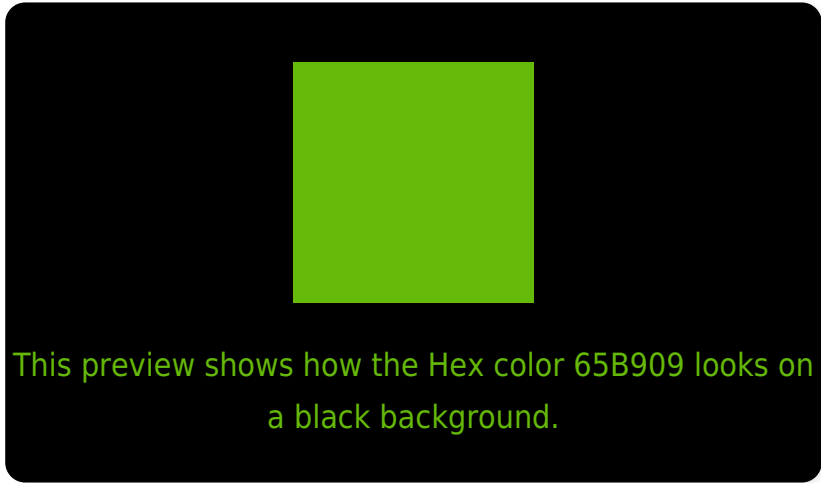
Large Text (above 18pt) WCAG AA × Fail

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 65B909 Background



This preview shows how black text looks on a background with the Hex color 65B909.

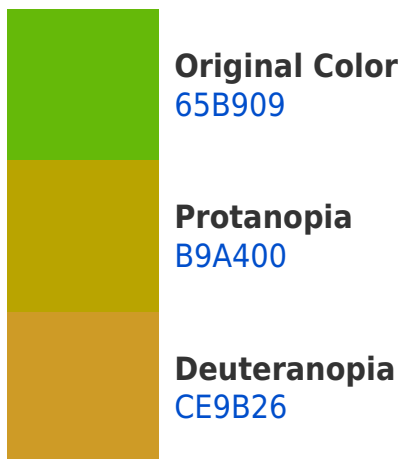


This preview shows how white text looks on a background with the Hex color 65B909.

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



Trichromacy



Original Color
65B909



Protanomaly
9AAC03



Deuteranomaly
A8A61B



Tritanomaly
74B17A

Monochromacy



Original Color
65B909



Achromatopsia
8C8C8C



Achromatomaly
7E9C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 65B909 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 #65B909 looks like.

```
.text, #text, p{  
    color:#65B909  
}
```

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 #65B909 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B909
}
```

Border

The CSS property to change the border of an element to Hex 65B909 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
#65B909 }
```

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

```
.border{ border-color:#65B909 }
```

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

Here you see how a box with a 4 pixel #65B909 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B909; -webkit-box-shadow:4px 4px  
4px 4px #65B909; box-shadow:4px 4px 4px  
4px #65B909 }
```

Background

The CSS property to change the background color of an element to Hex 65B909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B909 }
```

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

```
.background{ background-color:#65B909 }
```

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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