

Converting Colors

Hex(65BB13)

Have a look what the booklet for
Hex(65BB13) contains.

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Color

Hex(65BB13)

Conversions

Conversions Part 1

Format	Color
Hex	65BB13
RGB	101, 187, 19
RGB Percent	40%, 73%, 7%
CMY	0.6039, 0.2667, 0.9255
CMYK	0.46, 0.00, 0.90, 0.27
HSL	91°, 82%, 40%
HSV	91°, 90%, 73%
XYZ	23.2547, 38.3544, 6.7936
YIQ	142.1340, 2.6720, -70.4800

Conversions

Conversions Part 2

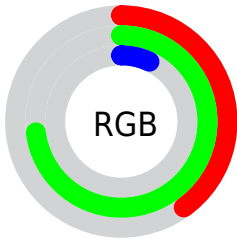
Format	Color
RYB	19, 187, 105
Decimal	6667027
CIELab	68.28, -50.56, 65.99
CIELCh	68, 83.128, 127.458
Yxy	38.3544, 0.3400, 0.5607
Android (android.graphics.Color)	4284857107 (0xFF65BB13)
YUV	142.1340, -60.7051, -36.0745
Hunter-Lab	61.9309, -41.3534, 36.8477

Details

The Hex color **65BB13** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **6913BB**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **9FF455**, and **258500** is the 20% darker color. If you saturate the color by 10%, you get **5BBB00**, and if you desaturate by 10%, it is **6FBB26**.

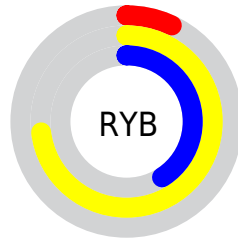
Distribution



Red (40%)

Green (73%)

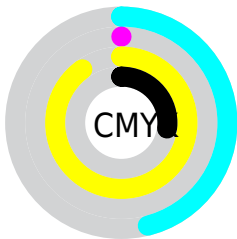
Blue (7%)



Red (7%)

Yellow (73%)

Blue (41%)

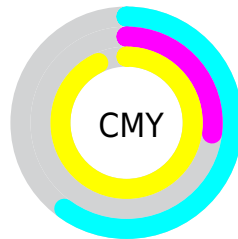


Cyan (46%)

Magenta (0%)

Yellow (90%)

Black (27%)



Cyan (60%)

Magenta (27%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65BB13 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 65BB13 by changing the saturation by 10% instead.



65BB13



65BB13

FFFFFF



47A000



9FF455



258500



BCFF71



006B00



DAFF8D



005200



F8FFA9



003A00



FFFFC6



002300



FFFFE3



000000



65BB13



65BB13



5BBB00



6FBB26

 78BB38

 82BB4B

 8BBB5E

 95BB70

 9EBB83

 A8BB96

 B2BBA9

 BBBB

Harmonies

Analogous

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



B7A900



65BB13



00C469

Triad

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



65BB13



00BEFF



FF5097

Complementary

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



65BB13



6913BB

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.



FF62E2



65BB13



00A AFF

Square

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



65BB13



00C7FF



BE89FF



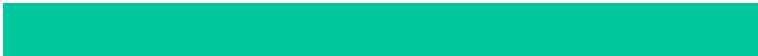
FF694F

Rectangle

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



65BB13



00C79E



BE89FF



FF51B0

Sweetspot

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



65BB13



D1F2B1



BB6713



667A53



FAFAFA



7A7A7A

Same Dimension

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



65BB13



76F200



13BB13



5A5E55



4D9E00



0F1F00

Inverse Universe

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



6913BB



7C00F2



BB13BB



5A555E



51009E



10001F

Previews

White Background



This preview shows how the Hex color 65BB13 looks on a white background.

Color Contrast Check

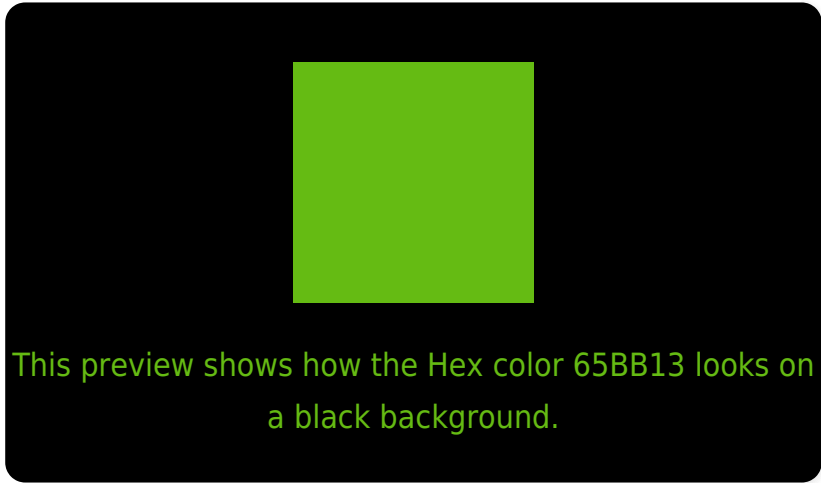
Large Text (above 18pt) WCAG AA × Fail

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 65BB13 Background



This preview shows how black text looks on a background with the Hex color 65BB13.

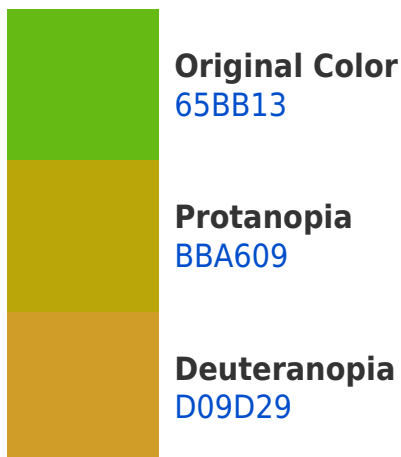


This preview shows how white text looks on a background with the Hex color 65BB13.

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
65BB13



Protanomaly
9CAE0D



Deuteranomaly
A9A821



Tritanomaly
74B37F

Monochromacy



Original Color
65BB13



Achromatopsia
8E8E8E



Achromatomaly
7F9E61

CSS Examples

Text

The CSS property to change the color of the text to Hex 65BB13 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 #65BB13 looks like.

```
.text, #text, p{  
    color:#65BB13  
}
```

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 #65BB13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65BB13
}
```

Border

The CSS property to change the border of an element to Hex 65BB13 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
#65BB13 }
```

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

```
.border{ border-color:#65BB13 }
```

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

Here you see how a box with a 4 pixel #65BB13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65BB13; -webkit-box-shadow:4px 4px  
4px 4px #65BB13; box-shadow:4px 4px 4px  
4px #65BB13 }
```

Background

The CSS property to change the background color of an element to Hex 65BB13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65BB13 }
```

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

```
.background{ background-color:#65BB13 }
```

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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