

Converting Colors

Hex(65BD2C)

Have a look what the booklet for
Hex(65BD2C) contains.

Hex(65BD2C)	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(65BD2C)

Conversions

Conversions Part 1

Format	Color
Hex	65BD2C
RGB	101, 189, 44
RGB Percent	40%, 74%, 17%
CMY	0.6039, 0.2588, 0.8275
CMYK	0.47, 0.00, 0.77, 0.26
HSL	96°, 62%, 46%
HSV	96°, 77%, 74%
XYZ	24.0190, 39.3437, 8.7110
YIQ	146.1580, -5.9030, -63.7510

Conversions

Conversions Part 2

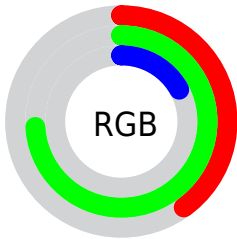
Format	Color
RYB	44, 189, 132
Decimal	6667564
CIELab	69.00, -50.26, 60.37
CIElCh	69, 78.558, 129.780
Yxy	39.3437, 0.3333, 0.5459
Android (android.graphics.Color)	4284857644 (0xFF65BD2C)
YUV	146.1580, -50.3639, -39.6036
Hunter-Lab	62.7246, -41.4153, 35.6732

Details

The Hex color **65BD2C** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **842CBD**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **9FF665**, and **268700** is the 20% darker color. If you saturate the color by 10%, you get **5ABD19**, and if you desaturate by 10%, it is **70BD3F**.

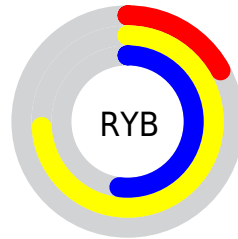
Distribution



Red (40%)

Green (74%)

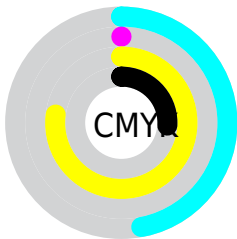
Blue (17%)



Red (17%)

Yellow (74%)

Blue (52%)

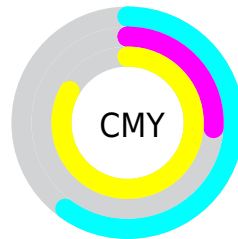


Cyan (47%)

Magenta (0%)

Yellow (77%)

Black (26%)



Cyan (60%)

Magenta (26%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65BD2C 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 65BD2C by changing the saturation by 10% instead.

 65BD2C

 65BD2C

FFFFFF

 47A202

 9FF665

 268700

 BCFF80

 006D00

 D9FF9C

 005400

 F7FFB8

 003B00

 FFFFD5

 002500

 FFFFF2

 000000

 65BD2C

 65BD2C

 5ABD19

 70BD3F

 4EBD06

 7CBD52

 4ABD00

 87BD65

 93BD78

 9EBD8B

 AABD9D

 B5BDB0

 C1BDC3

 CCBDD6

Harmonies

Analogous

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



B4AD00



65BD2C



00C674

Triad

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



65BD2C



00BDFE



FF5C94

Complementary

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



65BD2C



842CBD

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.



FF68DB



65BD2C



00A9FF

Square

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



65BD2C



00C7FF



C88AFF



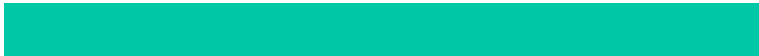
FF7350

Rectangle

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



65BD2C



00C8A6



C88AFF



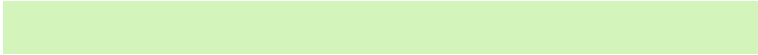
FF5CAC

Sweetspot

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



65BD2C



D3F5BC



BD832C



667A58



FAFAFA



7A7A7A

Same Dimension

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



65BD2C



6CF514



2CBD3A



595E55



3E9E00



0C1F00

Inverse Universe

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



842CBD



9C14F5



BD2CAF



5B555E



60009E



13001F

Previews

White Background



This preview shows how the Hex color 65BD2C looks on a white background.

Color Contrast Check

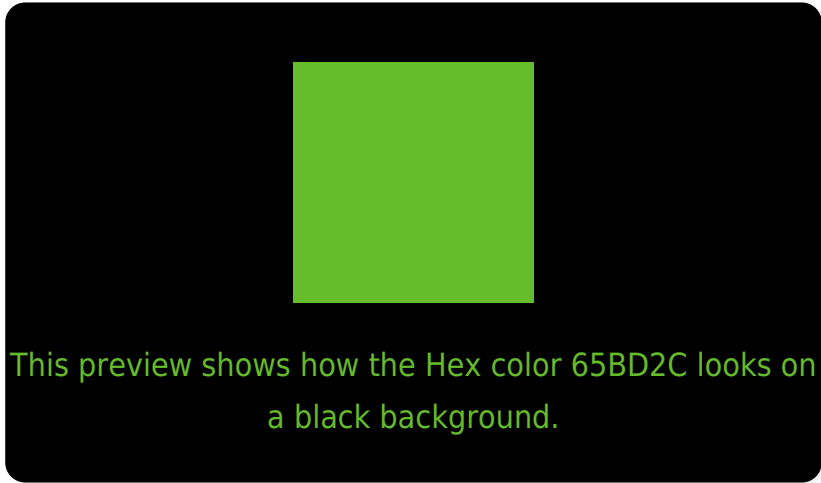
Large Text (above 18pt) WCAG AA × Fail

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

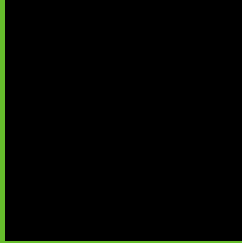
Any Text WCAG AA ✓ Pass

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 65BD2C Background



This preview shows how black text looks on a background with the Hex color 65BD2C.

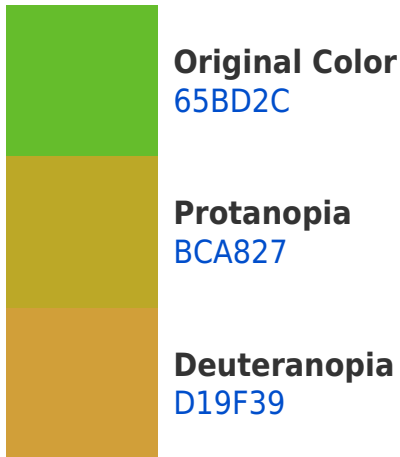


This preview shows how white text looks on a background with the Hex color 65BD2C.

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
7CB0BE

Trichromacy



Original Color
65BD2C



Protanomaly
9CB029



Deuteranomaly
AAAA34



Tritanomaly
74B589

Monochromacy



Original Color
65BD2C



Achromatopsia
929292



Achromatomaly
82A26D

CSS Examples

Text

The CSS property to change the color of the text to Hex 65BD2C 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 #65BD2C looks like.

```
.text, #text, p{  
    color:#65BD2C  
}
```

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 #65BD2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65BD2C
}
```

Border

The CSS property to change the border of an element to Hex 65BD2C 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
#65BD2C }
```

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

```
.border{ border-color:#65BD2C }
```

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

Here you see how a box with a 4 pixel #65BD2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65BD2C; -webkit-box-shadow:4px 4px  
4px 4px #65BD2C; box-shadow:4px 4px 4px  
4px #65BD2C }
```

Background

The CSS property to change the background color of an element to Hex 65BD2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65BD2C }
```

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

```
.background{ background-color:#65BD2C }
```

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