

Converting Colors

Hex(65CA2D)

Have a look what the booklet for
Hex(65CA2D) contains.

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Color

Hex(65CA2D)

Conversions

Conversions Part 1

Format	Color
Hex	65CA2D
RGB	101, 202, 45
RGB Percent	40%, 79%, 18%
CMY	0.6039, 0.2078, 0.8235
CMYK	0.50, 0.00, 0.78, 0.21
HSL	99°, 64%, 48%
HSV	99°, 78%, 79%
XYZ	26.9610, 45.1972, 9.7856
YIQ	153.9030, -9.7990, -70.2390

Conversions

Conversions Part 2

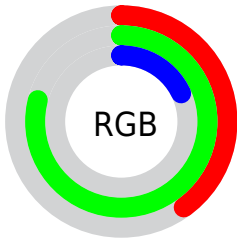
Format	Color
RYB	45, 202, 146
Decimal	6670893
CIELab	73.02, -55.19, 63.90
CIELCh	73, 84.433, 130.816
Yxy	45.1972, 0.3290, 0.5516
Android (android.graphics.Color)	4284860973 (0xFF65CA2D)
YUV	153.9030, -53.6892, -46.3959
Hunter-Lab	67.2289, -46.0661, 38.4302

Details

The Hex color **65CA2D** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **922DCA**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A0FF67**, and **219300** is the 20% darker color. If you saturate the color by 10%, you get **58CA19**, and if you desaturate by 10%, it is **72CA41**.

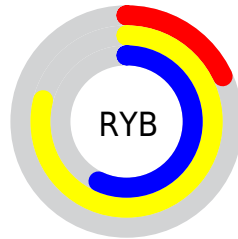
Distribution



Red (40%)

Green (79%)

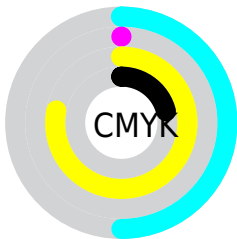
Blue (18%)



Red (18%)

Yellow (79%)

Blue (57%)

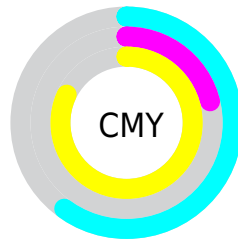


Cyan (50%)

Magenta (0%)

Yellow (78%)

Black (21%)



Cyan (60%)

Magenta (21%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65CA2D 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 65CA2D by changing the saturation by 10% instead.

 65CA2D

 65CA2D

FFFFFF

 46AE00

 A0FF67

 219300

 BEFF83

 007800

 DBFF9F

 005F00

 FAFFBB

 004600

 FFFFD8

 003000

 FFFFF6

 001200

 000000

 65CA2D

 65CA2D

 58CA19

 72CA41

 4BCA05

 7FCA55

 48CA00

 8CCA6A

 99CA7E

 A6CA92

 B3CAA6

 C0CABA

 CDCACF

 DACAE3

Harmonies

Analogous

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



BDB900



65CA2D



00D37D

Triad

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



65CA2D



00C9FF



FF5F9B

Complementary

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



65CA2D



922DCA

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.



FF6BE8



65CA2D



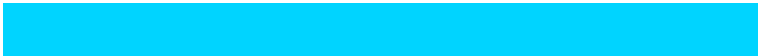
00B3FF

Square

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



65CA2D



00D4FF



D991FF



FF7951

Rectangle

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



65CA2D



00D6B3



D991FF



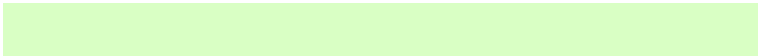
FF5EB5

Sweetspot

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



65CA2D



D9FFC4



CA902D



69805C



000000



808080

Same Dimension

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



65CA2D



66FF12



2DCA42



5F665C



3BA600



0E2600

Inverse Universe

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



922DCA



AA12FF



CA2DB5



625C66



6B00A6



190026

Previews

White Background



This preview shows how the Hex color 65CA2D 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



This preview shows how the Hex color 65CA2D looks on a 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 65CA2D Background



This preview shows how black text looks on a background with the Hex color 65CA2D.

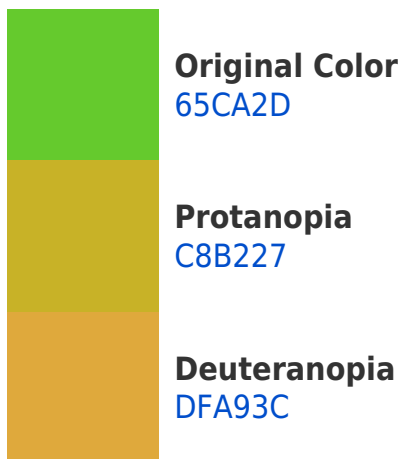


This preview shows how white text looks on a background with the Hex color 65CA2D.

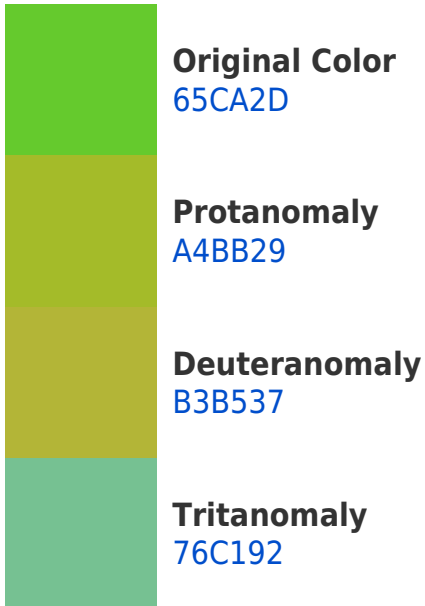
Color Blindness Simulation

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](#).

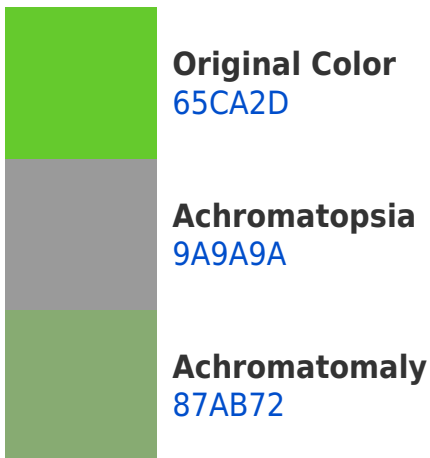
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65CA2D 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 #65CA2D looks like.

```
.text, #text, p{  
    color:#65CA2D  
}
```

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 #65CA2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65CA2D
}
```

Border

The CSS property to change the border of an element to Hex 65CA2D 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
#65CA2D }
```

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

```
.border{ border-color:#65CA2D }
```

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

Here you see how a box with a 4 pixel #65CA2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65CA2D; -webkit-box-shadow:4px 4px  
4px 4px #65CA2D; box-shadow:4px 4px 4px  
4px #65CA2D }
```

Background

The CSS property to change the background color of an element to Hex 65CA2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65CA2D }
```

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

```
.background{ background-color:#65CA2D }
```

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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