

Converting Colors

Hex(65C031)

Have a look what the booklet for
Hex(65C031) contains.

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Color

Hex(65C031)

Conversions

Conversions Part 1

Format	Color
Hex	65C031
RGB	101, 192, 49
RGB Percent	40%, 75%, 19%
CMY	0.6039, 0.2471, 0.8078
CMYK	0.47, 0.00, 0.74, 0.25
HSL	98°, 59%, 47%
HSV	98°, 74%, 75%
XYZ	24.7708, 40.6877, 9.4537
YIQ	148.4890, -8.3330, -63.7650

Conversions

Conversions Part 2

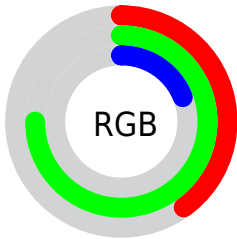
Format	Color
R_{YB}	49, 192, 140
Decimal	6668337
CIE _{Lab}	69.96, -51.13, 59.64
CIE _{LCh}	70, 78.554, 130.604
Yxy	40.6877, 0.3307, 0.5431
Android (android.graphics.Color)	4284858417 (0xFF65C031)
YUV	148.4890, -49.0481, -41.6479
Hunter-Lab	63.7869, -42.3089, 35.8636

Details

The Hex color **65C031** 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 **8C31C0**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9FF969**, and **268A00** is the 20% darker color. If you saturate the color by 10%, you get **59C01E**, and if you desaturate by 10%, it is **71C044**.

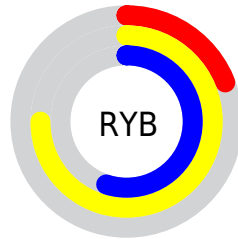
Distribution



Red (40%)

Green (75%)

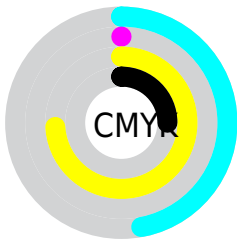
Blue (19%)



Red (19%)

Yellow (75%)

Blue (55%)

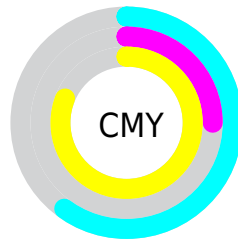


Cyan (47%)

Magenta (0%)

Yellow (74%)

Black (25%)



Cyan (60%)

Magenta (25%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65C031 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 65C031 by changing the saturation by 10% instead.

 65C031

 65C031


FFFFFF

 47A40C

 9FF969

 268A00

 BCFF84

 006F00

 DAFFA0

 005600

 F7FFBC

 003E00

 FFFFD9

 002800

 FFFFF6

 000000

 65C031

 65C031

 59C01E

 71C044

 4DC00B

 7DC057

 46C000

 8AC06B

 96C07E

 A2C091

 AEC0A4

 BBC0B7

 C7C0CB

 D3C0DE

Harmonies

Analogous

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



B5B000



65C031



00C979

Triad

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



65C031



00C0FF



FF5F95

Complementary

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



65C031



8C31C0

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.



FF6BDC



65C031



0AABFF

Square

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



65C031



00C9FF



CD8CFF



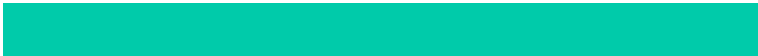
FF7651

Rectangle

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



65C031



00CBAA



CD8CFF



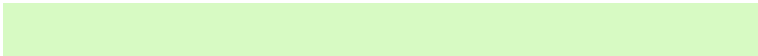
FF5FAD

Sweetspot

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



65C031



D7FAC3



C08C31



687D5C



FCFCFC



7D7D7D

Same Dimension

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



65C031



6CFA1B



31C044



5B6157



3AA100



0C2100

Inverse Universe

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



8C31C0



A91BFA



C031AD



5D5761



6600A1



150021

Previews

White Background



This preview shows how the Hex color 65C031 looks on a white background.

Color Contrast Check

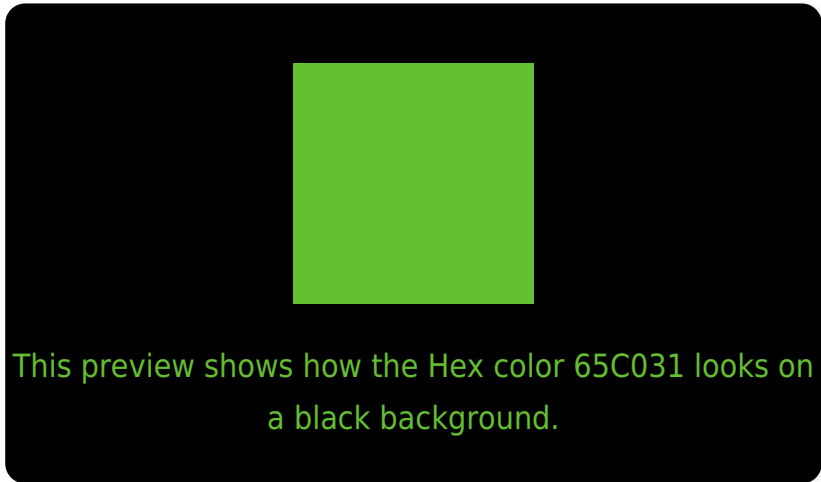
Large Text (above 18pt) WCAG AA × Fail

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

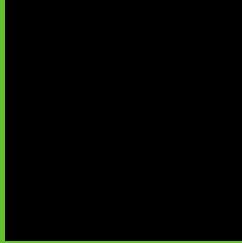
Any Text WCAG AA ✓ Pass

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 65C031 Background



This preview shows how black text looks on a background with the Hex color 65C031.

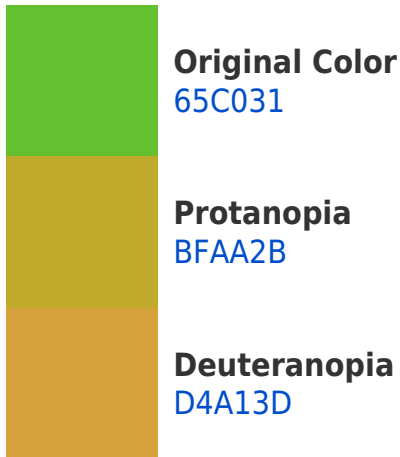


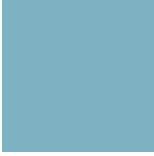
This preview shows how white text looks on a background with the Hex color 65C031.

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](#).

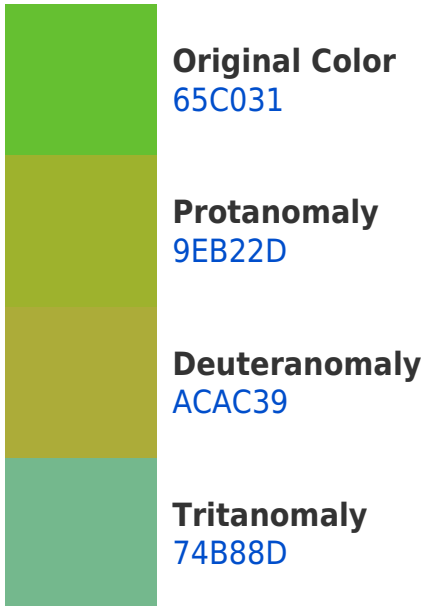
Dichromacy





Tritanopia
7DB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65C031 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 #65C031 looks like.

```
.text, #text, p{  
    color:#65C031  
}
```

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 #65C031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65C031
}
```

Border

The CSS property to change the border of an element to Hex 65C031 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
#65C031 }
```

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

```
.border{ border-color:#65C031 }
```

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

Here you see how a box with a 4 pixel #65C031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65C031; -webkit-box-shadow:4px 4px  
4px 4px #65C031; box-shadow:4px 4px 4px  
4px #65C031 }
```

Background

The CSS property to change the background color of an element to Hex 65C031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65C031 }
```

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

```
.background{ background-color:#65C031 }
```

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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