

Converting Colors

Hex(64CC3E)

Have a look what the booklet for
Hex(64CC3E) contains.

Hex(64CC3E)	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(64CC3E)

Conversions

Conversions Part 1

Format	Color
Hex	64CC3E
RGB	100, 204, 62
RGB Percent	39%, 80%, 24%
CMY	0.6078, 0.2000, 0.7569
CMYK	0.51, 0.00, 0.70, 0.20
HSL	104°, 58%, 52%
HSV	104°, 70%, 80%
XYZ	27.7179, 46.2429, 12.0223
YIQ	156.7160, -16.4020, -66.2100

Conversions

Conversions Part 2

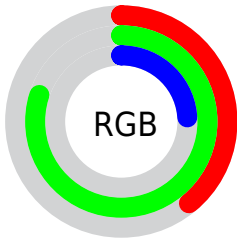
Format	Color
RYB	62, 204, 166
Decimal	6605886
CIELab	73.70, -55.08, 58.71
CIELCh	74, 80.503, 133.171
Yxy	46.2429, 0.3224, 0.5378
Android (android.graphics.Color)	4284795966 (0xFF64CC3E)
YUV	156.7160, -46.6950, -49.7399
Hunter-Lab	68.0021, -46.2464, 37.1194

Details

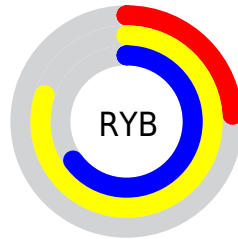
The Hex color **64CC3E** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **A63ECC**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **9FFF75**, and **209500** is the 20% darker color. If you saturate the color by 10%, you get **55CC2A**, and if you desaturate by 10%, it is **73CC52**.

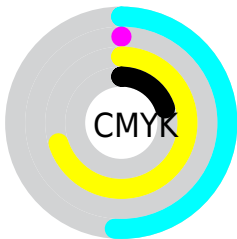
Distribution



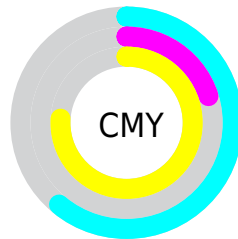
- Red (39%)
- Green (80%)
- Blue (24%)



- Red (24%)
- Yellow (80%)
- Blue (65%)



- Cyan (51%)
- Magenta (0%)
- Yellow (70%)
- Black (20%)



- Cyan (61%)
- Magenta (20%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64CC3E 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 64CC3E by changing the saturation by 10% instead.

 64CC3E

 64CC3E

FFFFFF

 45B020

 9FFF75

 209500

 BCFF90

 007A00

 DAFFAC

 006000

 F8FFC9

 004700

 FFFF66

 003100

 001500

 000000

 64CC3E

 64CC3E

 55CC2A

 73CC52

 46CC15

 82CC67

 37CC01

 91CC7B

 37CC00

 A0CC90

 AFCCA4

 BECCB8

 CDCCCD

 DCCCE1

 EACCF6

Harmonies

Analogous

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



BABC00



64CC3E



00D488

Triad

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



64CC3E



00C9FF



FF6998

Complementary

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



64CC3E



A63ECC

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.



FF71E2



64CC3E



49B3FF

Square

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



64CC3E



00D4FF



E192FF



FF8252

Rectangle

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



64CC3E



00D7BB



E192FF



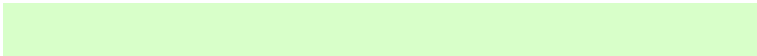
FF67B0

Sweetspot

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



64CC3E



D8FFC9



CCA43E



688060



000000



808080

Same Dimension

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



64CC3E



62FF29



3ECC5D



5F665C



2CA600



0A2600

Inverse Universe

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



A63ECC



C629FF



CC3EAD



635C66



7900A6



1C0026

Previews

White Background



This preview shows how the Hex color 64CC3E looks on a white background.

Color Contrast Check

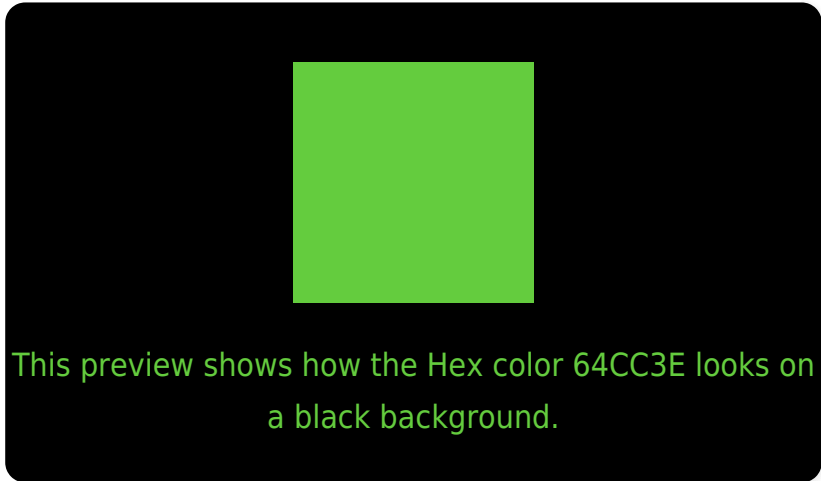
Large Text (above 18pt) WCAG AA × Fail

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

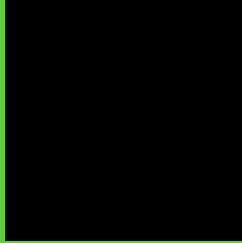
Any Text WCAG AA ✓ Pass

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 64CC3E Background



This preview shows how black text looks on a background with the Hex color 64CC3E.

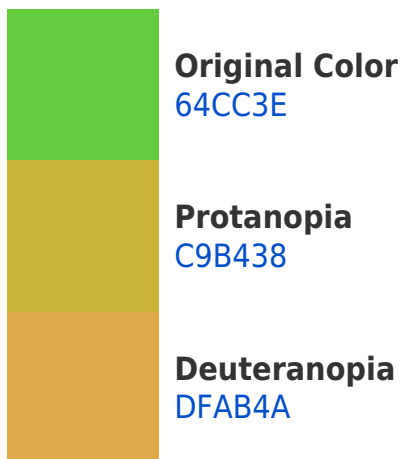


This preview shows how white text looks on a background with the Hex color 64CC3E.

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
7EBFCE

Trichromacy



Original Color
64CC3E



Protanomaly
A4BD3A



Deuteranomaly
B2B746



Tritanomaly
75C49A

Monochromacy



Original Color
64CC3E



Achromatopsia
9D9D9D



Achromatomaly
88AE7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 64CC3E 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 #64CC3E looks like.

```
.text, #text, p{  
    color:#64CC3E  
}
```

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 #64CC3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64CC3E
}
```

Border

The CSS property to change the border of an element to Hex 64CC3E 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
#64CC3E }
```

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

```
.border{ border-color:#64CC3E }
```

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

Here you see how a box with a 4 pixel #64CC3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64CC3E; -webkit-box-shadow:4px 4px  
4px 4px #64CC3E; box-shadow:4px 4px 4px  
4px #64CC3E }
```

Background

The CSS property to change the background color of an element to Hex 64CC3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64CC3E }
```

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

```
.background{ background-color:#64CC3E }
```

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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