

Converting Colors

Hex(64C837)

Have a look what the booklet for
Hex(64C837) contains.

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Color

Hex(64C837)

Conversions

Conversions Part 1

Format	Color
Hex	64C837
RGB	100, 200, 55
RGB Percent	39%, 78%, 22%
CMY	0.6078, 0.2157, 0.7843
CMYK	0.50, 0.00, 0.72, 0.22
HSL	101°, 57%, 50%
HSV	101°, 72%, 78%
XYZ	26.5994, 44.2937, 10.7620
YIQ	153.5700, -13.0550, -66.2950

Conversions

Conversions Part 2

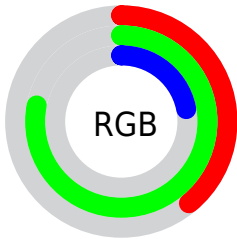
Format	Color
RYB	55, 200, 155
Decimal	6604855
CIELab	72.42, -54.09, 59.98
CIELCh	72, 80.770, 132.042
Yxy	44.2937, 0.3258, 0.5424
Android (android.graphics.Color)	4284794935 (0xFF64C837)
YUV	153.5700, -48.5950, -46.9809
Hunter-Lab	66.5535, -45.1277, 37.0000

Details

The Hex color **64C837** 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 **9B37C8**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **9FFF6F**, and **219100** is the 20% darker color. If you saturate the color by 10%, you get **56C823**, and if you desaturate by 10%, it is **72C84B**.

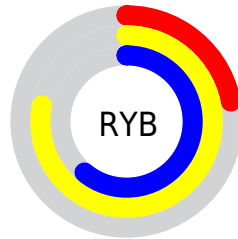
Distribution



Red (39%)

Green (78%)

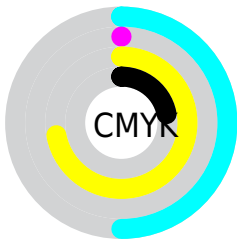
Blue (22%)



Red (22%)

Yellow (78%)

Blue (61%)

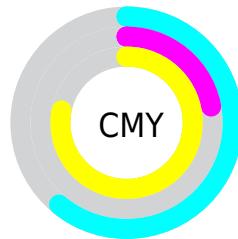


Cyan (50%)

Magenta (0%)

Yellow (72%)

Black (22%)



Cyan (61%)

Magenta (22%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64C837 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 64C837 by changing the saturation by 10% instead.



64C837



64C837

FFFFFF



45AC16



9FFF6F



219100



BCFF8A



007700



DAFFA6



005D00



F8FFC2



004400



FFFFDF



002E00

FFFFFD



001000



000000



64C837



64C837

 56C823

 72C84B

 48C80F

 80C85F

 3EC800

 8DC873

 9BC887

 A9C89B

 B7C8AF

 C5C8C3

 D2C8D7

 E0C8EB

Harmonies

Analogous

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



B9B800



64C837



00D181

Triad

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



64C837



00C6FF



FF6497

Complementary

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



64C837



9B37C8

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.



FF6EE1



64C837



31B0FF

Square

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



64C837



00D1FF



DA90FF



FF7D51

Rectangle

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



64C837



00D3B5



DA90FF



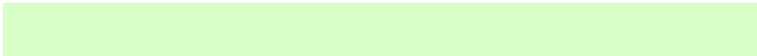
FF63B0

Sweetspot

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



64C837



D8FFC7



C89A37



69805E



000000



808080

Same Dimension

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



64C837



66FF21



37C852



5D635A



33A300



0B2400

Inverse Universe

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



9B37C8



BA21FF



C837AD



605A63



7100A3



190024

Previews

White Background



This preview shows how the Hex color 64C837 looks on a white background.

Color Contrast Check

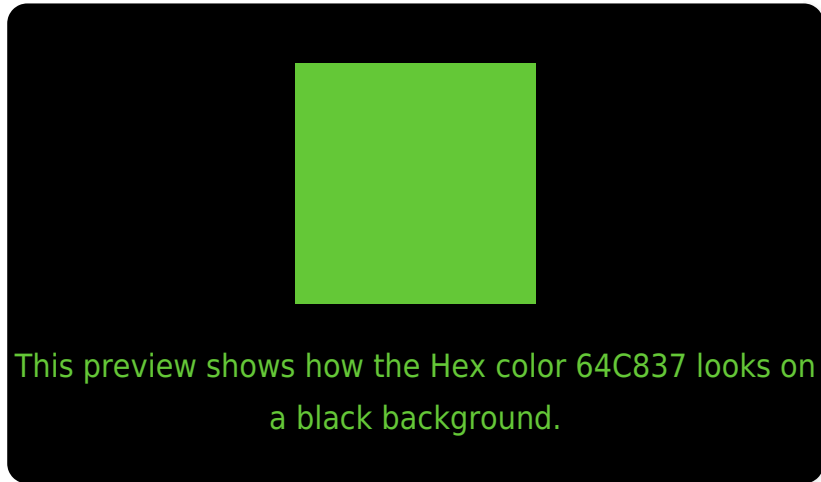
Large Text (above 18pt) WCAG AA × Fail

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 64C837 Background



This preview shows how black text looks on a background with the Hex color 64C837.

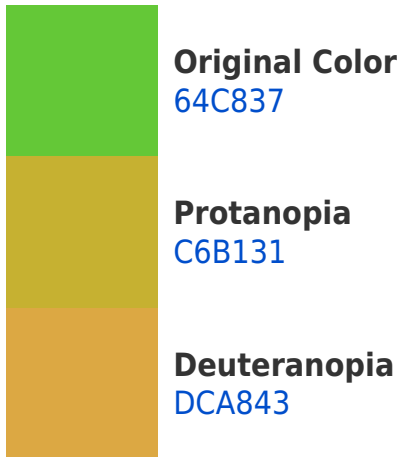


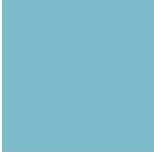
This preview shows how white text looks on a background with the Hex color 64C837.

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
64C837



Protanomaly
A2B933



Deuteranomaly
B0B43F



Tritanomaly
75C095

Monochromacy



Original Color
64C837



Achromatopsia
9A9A9A



Achromatomaly
86AB76

CSS Examples

Text

The CSS property to change the color of the text to Hex 64C837 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 #64C837 looks like.

```
.text, #text, p{  
    color:#64C837  
}
```

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 #64C837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C837
}
```

Border

The CSS property to change the border of an element to Hex 64C837 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
#64C837 }
```

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

```
.border{ border-color:#64C837 }
```

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

Here you see how a box with a 4 pixel #64C837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C837; -webkit-box-shadow:4px 4px  
4px 4px #64C837; box-shadow:4px 4px 4px  
4px #64C837 }
```

Background

The CSS property to change the background color of an element to Hex 64C837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C837 }
```

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

```
.background{ background-color:#64C837 }
```

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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