

Converting Colors

Hex(C6D35C)

Have a look what the booklet for
Hex(C6D35C) contains.

Hex(C6D35C)	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(C6D35C)

Conversions

Conversions Part 1

Format	Color
Hex	C6D35C
RGB	198, 211, 92
RGB Percent	78%, 83%, 36%
CMY	0.2235, 0.1725, 0.6392
CMYK	0.06, 0.00, 0.56, 0.17
HSL	67°, 57%, 59%
HSV	67°, 56%, 83%
XYZ	48.5147, 59.3670, 19.0272
YIQ	193.5470, 30.4510, -39.7650

Conversions

Conversions Part 2

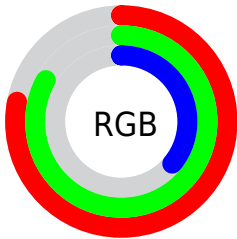
Format	Color
RYB	92, 211, 105
Decimal	13030236
CIELab	81.49, -20.64, 56.28
CIELCh	81, 59.941, 110.139
Yxy	59.3670, 0.3823, 0.4678
Android (android.graphics.Color)	4291220316 (0xFFC6D35C)
YUV	193.5470, -50.0627, 3.9053
Hunter-Lab	77.0500, -22.4445, 39.2936

Details

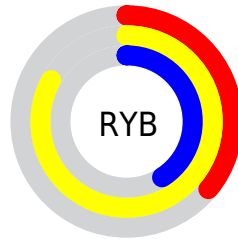
The Hex color **C6D35C** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **695CD3**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF92**, and **8E9D25** is the 20% darker color. If you saturate the color by 10%, you get **C4D347**, and if you desaturate by 10%, it is **C8D371**.

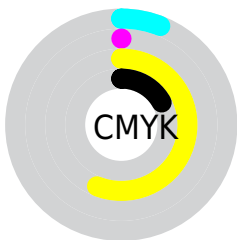
Distribution



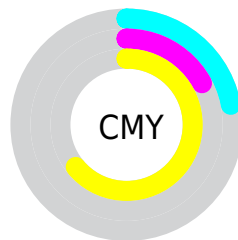
- Red (78%)
- Green (83%)
- Blue (36%)



- Red (36%)
- Yellow (83%)
- Blue (41%)



- Cyan (6%)
- Magenta (0%)
- Yellow (56%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6D35C 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 C6D35C by changing the saturation by 10% instead.

 C6D35C

FFFFFF

 FFFF92

 FFFF92

 FFFF92

 FFFF92

 C6D35C

 A9B741

 8E9D25

 728300

 576900

 3E5100

 233A00

 082500

 000A00

 000000

 C6D35C

 C6D35C

 C4D347

 C8D371

 C1D332

 CBD386

 BFD31D

 CDD39B

 BDD308

 CFD3B0

 BCD300

 D2D3C6

 D4D3DB

 D6D3F0

 D8D3FF

 DBD3FF

Harmonies

Analogous

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



FBC159



C6D35C



84DF80

Triad

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



C6D35C



00E2FF



FF9CE0

Complementary

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



C6D35C



695CD3

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.



FEADFF



C6D35C



00D6FF

Square

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



C6D35C



00E7EF



B0C3FF



FF9CA7

Rectangle

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



C6D35C



43E4A2



B0C3FF



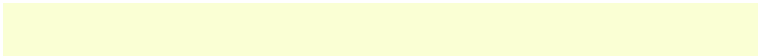
FFA0F2

Sweetspot

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



C6D35C



FAFFD4



D3685C



7D8066



000000



808080

Same Dimension

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



C6D35C



ECFF52



8CD35C



67695E



96A800



242900

Inverse Universe

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



695CD3



6552FF



A35CD3



5F5E69



1200A8



040029

Previews

White Background



This preview shows how the Hex color C6D35C 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 C6D35C 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 C6D35C Background



This preview shows how black text looks on a background with the Hex color C6D35C.

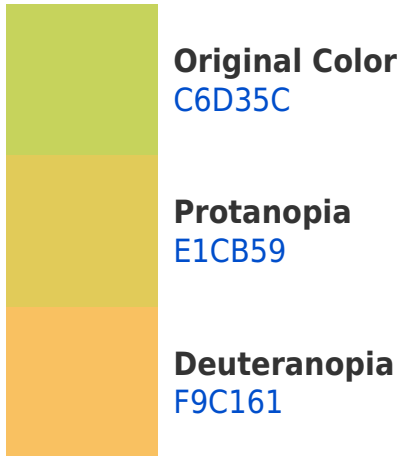


This preview shows how white text looks on a background with the Hex color C6D35C.

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](#).

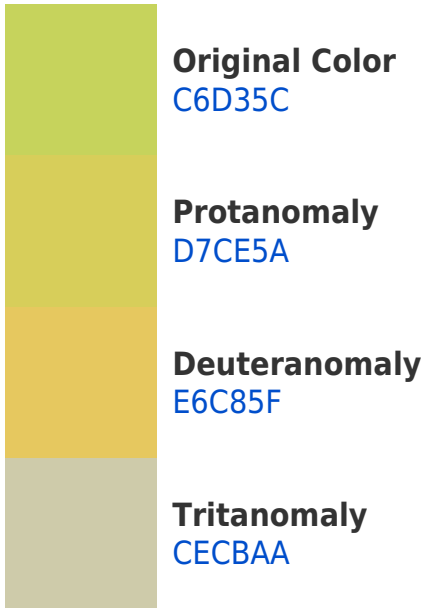
Dichromacy





Tritanopia
D3C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6D35C 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 #C6D35C looks like.

```
.text, #text, p{  
    color:#C6D35C  
}
```

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 #C6D35C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6D35C
}
```

Border

The CSS property to change the border of an element to Hex C6D35C 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
#C6D35C }
```

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

```
.border{ border-color:#C6D35C }
```

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

Here you see how a box with a 4 pixel #C6D35C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6D35C; -webkit-box-shadow:4px 4px  
4px 4px #C6D35C; box-shadow:4px 4px 4px  
4px #C6D35C }
```

Background

The CSS property to change the background color of an element to Hex C6D35C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6D35C }
```

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

```
.background{ background-color:#C6D35C }
```

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