

Converting Colors

Hex(C6D05E)

Have a look what the booklet for
Hex(C6D05E) contains.

Hex(C6D05E)	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(C6D05E)

Conversions

Conversions Part 1

Format	Color
Hex	C6D05E
RGB	198, 208, 94
RGB Percent	78%, 82%, 37%
CMY	0.2235, 0.1843, 0.6314
CMYK	0.05, 0.00, 0.55, 0.18
HSL	65°, 55%, 59%
HSV	65°, 55%, 82%
XYZ	47.8650, 57.9257, 19.2477
YIQ	192.0140, 30.6340, -37.5740

Conversions

Conversions Part 2

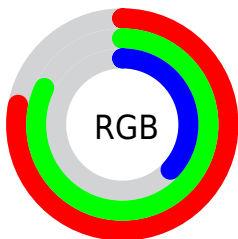
Format	Color
RYB	94, 208, 104
Decimal	13029470
CIELab	80.70, -19.00, 54.47
CIELCh	81, 57.693, 109.229
Yxy	57.9257, 0.3828, 0.4633
Android (android.graphics.Color)	4291219550 (0xFFC6D05E)
YUV	192.0140, -48.3209, 5.2497
Hunter-Lab	76.1089, -20.9318, 38.2820

Details

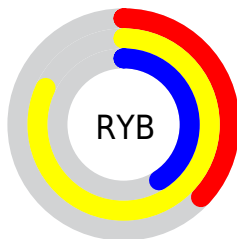
The Hex color **C6D05E** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **685ED0**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFF94**, and **8E9A28** is the 20% darker color. If you saturate the color by 10%, you get **C4D049**, and if you desaturate by 10%, it is **C8D073**.

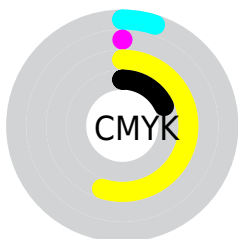
Distribution



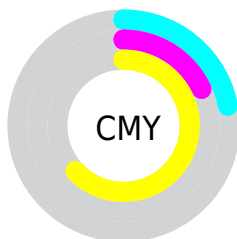
- Red (78%)
- Green (82%)
- Blue (37%)



- Red (37%)
- Yellow (82%)
- Blue (41%)



- Cyan (5%)
- Magenta (0%)
- Yellow (55%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6D05E 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 C6D05E by changing the saturation by 10% instead.

 C6D05E

 C6D05E

FFFFFF

 AAB444

 FFFF94

 8E9A28

 FFFFAF

 728004

 FFFFCC

 586700

 FFFFEE

 3F4F00

 243800

 092300

 000500

 000000

 C6D05E

 C6D05E

 C4D049

 C8D073

 C2D034

 CAD088

 C1D020

 CBD09C

 BFD00B

 CDD0B1

 BED000

 CFD0C6

 D1D0DB

 D3D0F0

 D5D0FF

 D6D0FF

Harmonies

Analogous

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



F9BF5C



C6D05E



87DC7F

Triad

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



C6D05E



00DFFF



FF9DDE

Complementary

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



C6D05E



685ED0

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.



F8ADFF



C6D05E



07D4FF

Square

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



C6D05E



00E4EA



ACC2FF



FF9CA8

Rectangle

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



C6D05E



4DE1A0



ACC2FF



FFA1F0

Sweetspot

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



C6D05E



FBFFD6



D0685E



7D8067



000000



808080

Same Dimension

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



C6D05E



F0FF57



8DD05E



68695E



9AA800



252900

Inverse Universe

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



685ED0



6557FF



A05ED0



5F5E69



0F00A8



040029

Previews

White Background



This preview shows how the Hex color C6D05E looks on a white background.

Color Contrast Check

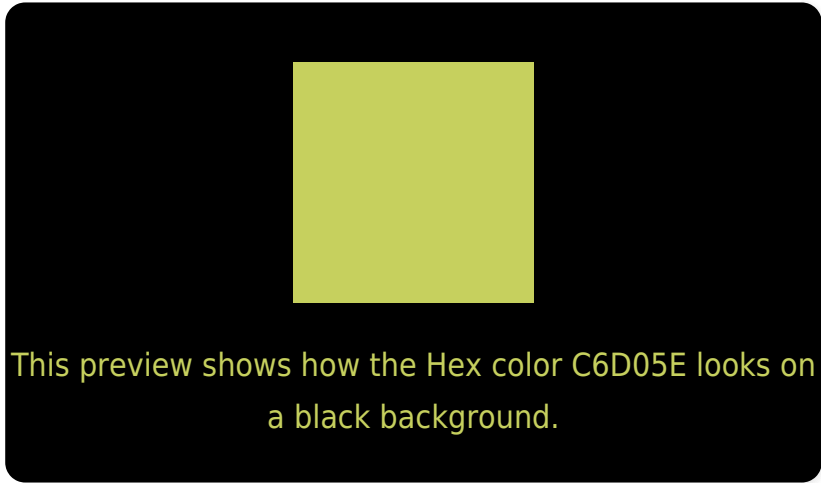
Large Text (above 18pt) WCAG AA × Fail

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 C6D05E Background



This preview shows how black text looks on a background with the Hex color C6D05E.

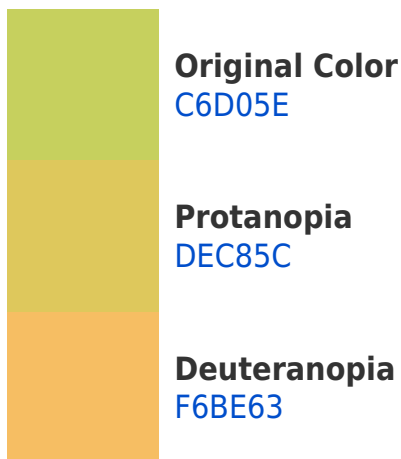


This preview shows how white text looks on a background with the Hex color C6D05E.

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](#).

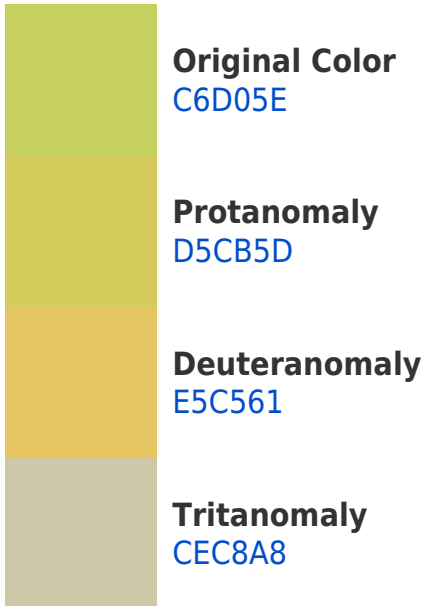
Dichromacy





Tritanopia
D2C4D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6D05E 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 #C6D05E looks like.

```
.text, #text, p{  
    color:#C6D05E  
}
```

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 #C6D05E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6D05E
}
```

Border

The CSS property to change the border of an element to Hex C6D05E 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
#C6D05E }
```

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

```
.border{ border-color:#C6D05E }
```

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

Here you see how a box with a 4 pixel #C6D05E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6D05E; -webkit-box-shadow:4px 4px  
4px 4px #C6D05E; box-shadow:4px 4px 4px  
4px #C6D05E }
```

Background

The CSS property to change the background color of an element to Hex C6D05E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6D05E }
```

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

```
.background{ background-color:#C6D05E }
```

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