

Converting Colors

Hex(C4D157)

Have a look what the booklet for
Hex(C4D157) contains.

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Color

Hex(C4D157)

Conversions

Conversions Part 1

Format	Color
Hex	C4D157
RGB	196, 209, 87
RGB Percent	77%, 82%, 34%
CMY	0.2314, 0.1804, 0.6588
CMYK	0.06, 0.00, 0.58, 0.18
HSL	66°, 57%, 58%
HSV	66°, 58%, 82%
XYZ	47.2857, 58.0248, 17.7245
YIQ	191.2050, 31.4140, -40.6980

Conversions

Conversions Part 2

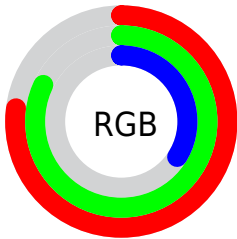
Format	Color
RYB	87, 209, 100
Decimal	12898647
CIELab	80.75, -20.85, 57.61
CIELCh	81, 61.268, 109.895
Yxy	58.0248, 0.3843, 0.4716
Android (android.graphics.Color)	4291088727 (0xFFC4D157)
YUV	191.2050, -51.3731, 4.2052
Hunter-Lab	76.1740, -22.4990, 39.5260

Details

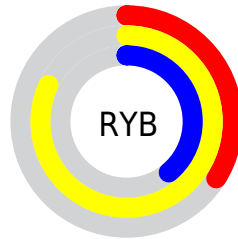
The Hex color **C4D157** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **6457D1**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFF8D**, and **8C9B1F** is the 20% darker color. If you saturate the color by 10%, you get **C2D142**, and if you desaturate by 10%, it is **C6D16C**.

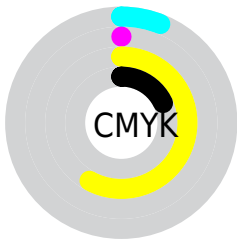
Distribution



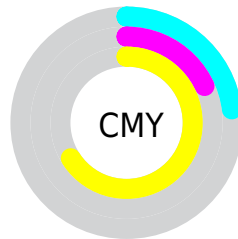
- Red (77%)
- Green (82%)
- Blue (34%)



- Red (34%)
- Yellow (82%)
- Blue (39%)



- Cyan (6%)
- Magenta (0%)
- Yellow (58%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4D157 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 C4D157 by changing the saturation by 10% instead.

 C4D157

 C4D157

FFFFFF

 A7B53C

 FFFF8D

 8C9B1F

 FFFFA9

 708100

 FFFFC5

 556800

 FFFFE2

 3C5000

 213900

 042300

 000500

 000000

 C4D157

 C4D157

 C2D142

 C6D16C

 C0D12D

 C8D181

 BDD118

 CBD196

 BBD103

 CDD1AB

 BBD100

 CFD1C0

 D1D1D4

 D4D1E9

 D6D1FE

 D8D1FF

Harmonies

Analogous

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



FABF54



C4D157



81DD7C

Triad

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



C4D157



00E0FF



FF99DE

Complementary

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



C4D157



6457D1

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.



FCAAFF



C4D157



00D4FF

Square

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



C4D157



00E5EE



ABC1FF



FF99A5

Rectangle

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



C4D157



3AE29F



ABC1FF



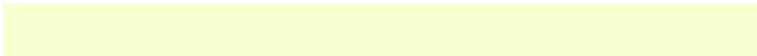
FF9DF1

Sweetspot

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



C4D157



FAFFD1



D16357



7D8063



000000



808080

Same Dimension

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



C4D157



ECFF4D



88D157



67695E



96A800



242900

Inverse Universe

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



6457D1



604DFF



A057D1



5F5E69



1200A8



040029

Previews

White Background



This preview shows how the Hex color C4D157 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 C4D157 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 C4D157 Background



This preview shows how black text looks on a background with the Hex color C4D157.

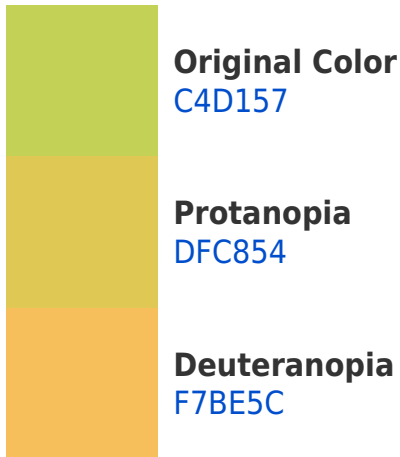


This preview shows how white text looks on a background with the Hex color C4D157.

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](#).

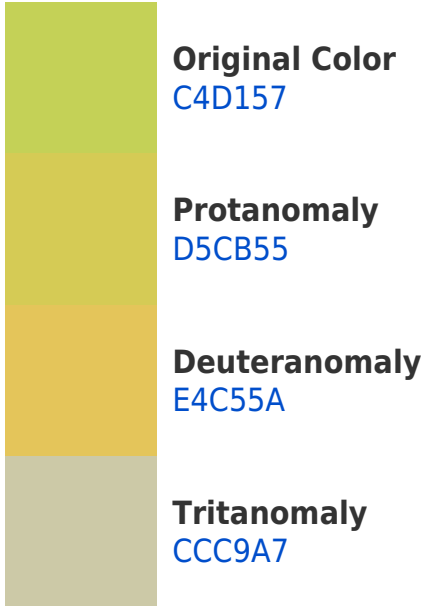
Dichromacy





Tritanopia
D1C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4D157 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 #C4D157 looks like.

```
.text, #text, p{  
    color:#C4D157  
}
```

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 #C4D157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4D157
}
```

Border

The CSS property to change the border of an element to Hex C4D157 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
#C4D157 }
```

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

```
.border{ border-color:#C4D157 }
```

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

Here you see how a box with a 4 pixel #C4D157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4D157; -webkit-box-shadow:4px 4px  
4px 4px #C4D157; box-shadow:4px 4px 4px  
4px #C4D157 }
```

Background

The CSS property to change the background color of an element to Hex C4D157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4D157 }
```

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

```
.background{ background-color:#C4D157 }
```

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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