

# Converting Colors

Hex(C6D159)

Have a look what the booklet for  
Hex(C6D159) contains.

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# **Color**

**Hex(C6D159)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6D159
RGB	198, 209, 89
RGB Percent	78%, 82%, 35%
CMY	0.2235, 0.1804, 0.6510
CMYK	0.05, 0.00, 0.57, 0.18
HSL	66°, 57%, 58%
HSV	66°, 57%, 82%
XYZ	47.8923, 58.3280, 18.1854
YIQ	192.0310, 31.9640, -39.6520

# Conversions

## Conversions Part 2

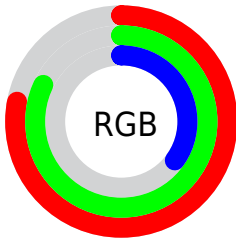
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 209, 100
Decimal	13029721
CIELab	80.92, -19.89, 56.96
CIElCh	81, 60.335, 109.246
Yxy	58.3280, 0.3850, 0.4689
Android (android.graphics.Color)	4291219801 (0xFFC6D159)
YUV	192.0310, -50.7943, 5.2348
Hunter-Lab	76.3727, -21.7173, 39.3431

# Details

The Hex color **C6D159** 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 **6459D1**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFF8F**, and **8D9B22** is the 20% darker color. If you saturate the color by 10%, you get **C4D144**, and if you desaturate by 10%, it is **C8D16E**.

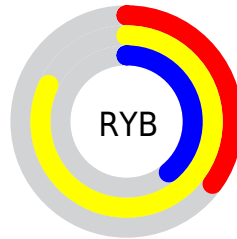
# Distribution



Red (78%)

Green (82%)

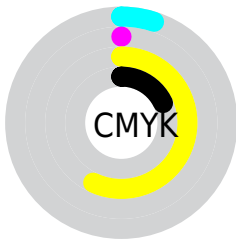
Blue (35%)



Red (35%)

Yellow (82%)

Blue (39%)

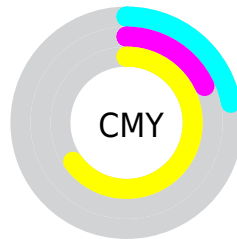


Cyan (5%)

Magenta (0%)

Yellow (57%)

Black (18%)



Cyan (22%)

Magenta (18%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6D159 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 C6D159 by changing the saturation by 10% instead.



 C6D159

FFFFFF

 FFFF8F

 FFFFAB

 FFFFC7

 FFFFE4

 C6D159

 A9B53E


 8D9B22

 728100


 576800

 3E5000

 233900

 082300

 000600

 000000

 C6D159

 C6D159

 C4D144

 C8D16E

 C2D12F

 CAD183

 C0D11A

 CCD198

 BED105

 CED1AD

 BED100

 D0D1C2

 D1D1D6

 D3D1EB

 D5D1FF

 D7D1FF

# Harmonies

## Analogous

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



FBBF57



C6D159



84DD7C

# Triad

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



C6D159



00E1FF



FF9BE0

# Complementary

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



C6D159



6459D1

# 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.



FAACFF



C6D159



00D5FF

# Square

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



C6D159



00E5EC



ABC2FF



FF9AA7

# Rectangle

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



C6D159



43E29F



ABC2FF



FF9FF2



# Sweetspot

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



C6D159



FBFFD4



D16359



7D8066



000000



808080



# Same Dimension

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



C6D159



FFFF4F



8BD159



68695E



99A800



252900



# Inverse Universe

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



6459D1



5F4FFF



9F59D1



5F5E69



0F00A8



040029



# Previews

## White Background



This preview shows how the Hex color C6D159 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 C6D159 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 C6D159 Background



This preview shows how black text looks on a background with the Hex color C6D159.

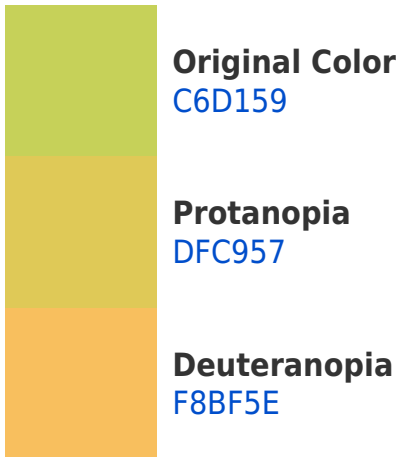


This preview shows how white text looks on a background with the Hex color C6D159.

# 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](#).

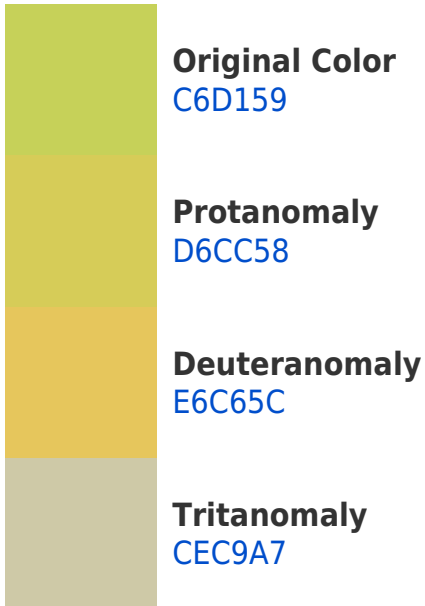
## Dichromacy





**Tritanopia**  
D3C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6D159 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 #C6D159 looks like.

```
.text, #text, p{  
    color:#C6D159  
}
```

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 #C6D159 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6D159
}
```

## Border

The CSS property to change the border of an element to Hex C6D159 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
#C6D159 }
```

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

```
.border{ border-color:#C6D159 }
```

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

Here you see how a box with a 4 pixel #C6D159 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6D159; -webkit-box-shadow:4px 4px  
4px 4px #C6D159; box-shadow:4px 4px 4px  
4px #C6D159 }
```

# Background

The CSS property to change the background color of an element to Hex C6D159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6D159 }
```

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

```
.background{ background-color:#C6D159 }
```

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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