

# Converting Colors

Hex(C8D117)

Have a look what the booklet for  
Hex(C8D117) contains.

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# **Color**

**Hex(C8D117)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8D117
RGB	200, 209, 23
RGB Percent	78%, 82%, 9%
CMY	0.2157, 0.1804, 0.9098
CMYK	0.04, 0.00, 0.89, 0.18
HSL	63°, 80%, 45%
HSV	63°, 89%, 82%
XYZ	46.7745, 57.9422, 9.5293
YIQ	185.1050, 54.3420, -59.7540

# Conversions

## Conversions Part 2

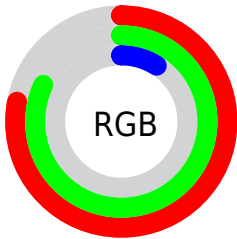
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	23, 209, 32
Decimal	13160727
CIE Lab	80.71, -22.08, 77.94
CIE LCh	81, 81.007, 105.820
Yxy	57.9422, 0.4094, 0.5072
Android (android.graphics.Color)	4291350807 (0xFFC8D117)
YUV	185.1050, -79.9178, 13.0629
Hunter-Lab	76.1197, -23.5237, 45.8614

# Details

The Hex color **C8D117** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **2017D1**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFFF5D**, and **8E9B00** is the 20% darker color. If you saturate the color by 10%, you get **C7D102**, and if you desaturate by 10%, it is **C9D12C**.

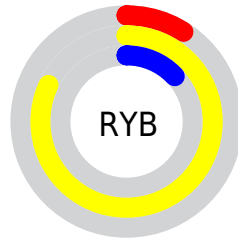
# Distribution



Red (78%)

Green (82%)

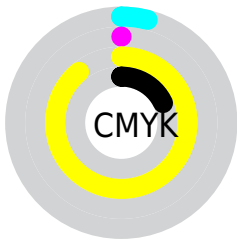
Blue (9%)



Red (9%)

Yellow (82%)

Blue (13%)

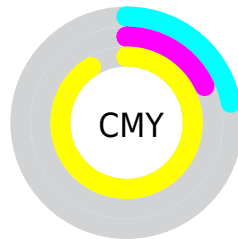


Cyan (4%)

Magenta (0%)

Yellow (89%)

Black (18%)



Cyan (22%)

Magenta (18%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8D117 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 C8D117 by changing the saturation by 10% instead.



 C8D117

 C8D117

FFFFFF

 ABB600

 FFFF5D

 8E9B00

 FFFF7A

 718100

 FFFF97

 556800

 FFFFB4

 395000

 FFFFD1

 1F3900

 FFFFEF

 012300

 000500

 000000

 C8D117

 C8D117

 C7D102

 C9D12C

 C7D100

 CAD141

 CBD156

 CCD16B

 CDD180

 CED194

 CFD1A9

 D0D1BE

 D1D1D3

# Harmonies

## Analogous

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



FFB822



C8D117



6EE157

# Triad

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



C8D117



00E8FF



FF83F0

# Complementary

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



C8D117



2017D1

# 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.



FEA2FF



C8D117



00DBFF

# Square

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



C8D117



00ECEF



7BC3FF



FF7FA3

# Rectangle

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



C8D117



00E887



7BC3FF



FF8CFF



# Sweetspot

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



C8D117



FCFFBA



D11D17



7E8057



000000



808080



# Same Dimension

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



C8D117



F3FF00



6ED117



68695E



A0A800



272900



# Inverse Universe

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



2017D1



0C00FF



7A17D1



5F5E69



0800A8



020029



# Previews

## White Background



This preview shows how the Hex color C8D117 looks on a white background.

## Color Contrast Check

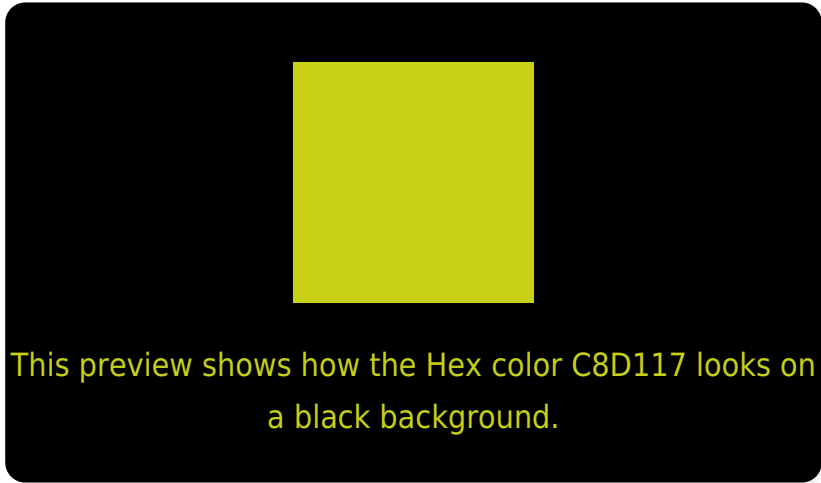
Large Text (above 18pt) WCAG AA × Fail

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 C8D117 Background



This preview shows how black text looks on a background with the Hex color C8D117.



This preview shows how white text looks on a background with the Hex color C8D117.

# 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



**Original Color**  
C8D117

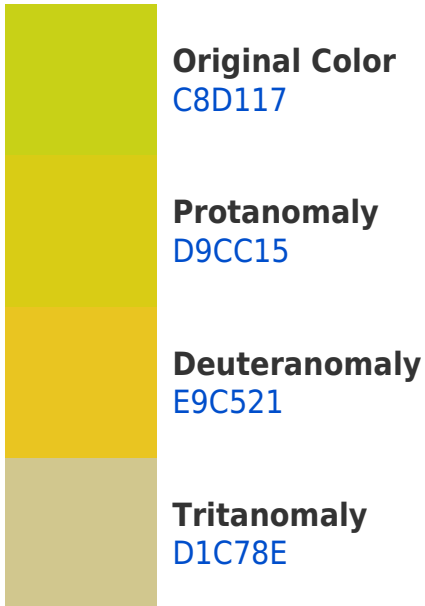
**Protanopia**  
E2C914

**Deuteranopia**  
FCBE27



**Tritanopia**  
D6C2D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8D117 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 #C8D117 looks like.

```
.text, #text, p{  
    color:#C8D117  
}
```

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 #C8D117 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8D117
}
```

## Border

The CSS property to change the border of an element to Hex C8D117 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
#C8D117 }
```

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

```
.border{ border-color:#C8D117 }
```

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

Here you see how a box with a 4 pixel #C8D117 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8D117; -webkit-box-shadow:4px 4px  
4px 4px #C8D117; box-shadow:4px 4px 4px  
4px #C8D117 }
```

# Background

The CSS property to change the background color of an element to Hex C8D117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8D117 }
```

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

```
.background{ background-color:#C8D117 }
```

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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