

# Converting Colors

Hex(C5ED12)

Have a look what the booklet for  
Hex(C5ED12) contains.

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# Color

Hex(C5ED12)

# Conversions

## Conversions Part 1

Format	Color
Hex	C5ED12
RGB	197, 237, 18
RGB Percent	77%, 93%, 7%
CMY	0.2275, 0.0706, 0.9294
CMYK	0.17, 0.00, 0.92, 0.07
HSL	71°, 86%, 50%
HSV	71°, 92%, 93%
XYZ	53.4193, 72.4824, 11.7473
YIQ	200.0740, 46.4590, -76.5890

# Conversions

## Conversions Part 2

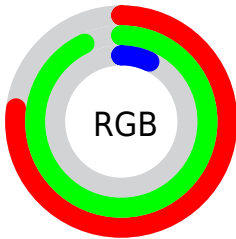
Format	Color
<a href="#">RYB</a>	<a href="#">18, 237, 58</a>
Decimal	<a href="#">12971282</a>
CIELab	<a href="#">88.20, -36.51, 84.44</a>
CIELCh	<a href="#">88, 92.000, 113.383</a>
Yxy	<a href="#">72.4824, 0.3881, 0.5266</a>
Android (android.graphics.Color)	<a href="#">4291161362</a> ( <a href="#">0xFFC5ED12</a> )
YUV	<a href="#">200.0740, -89.7625, -2.6959</a>
Hunter-Lab	<a href="#">85.1366, -36.9884, 51.4147</a>

# Details

The Hex color **C5ED12** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **3A12ED**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFF60**, and **8AB500** is the 20% darker color. If you saturate the color by 10%, you get **C2ED00**, and if you desaturate by 10%, it is **C9ED2A**.

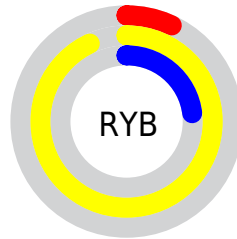
# Distribution



Red (77%)

Green (93%)

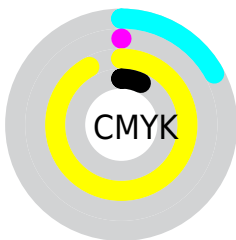
Blue (7%)



Red (7%)

Yellow (93%)

Blue (23%)

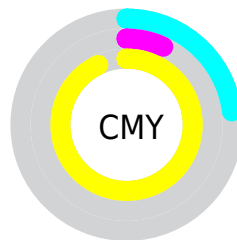


Cyan (17%)

Magenta (0%)

Yellow (92%)

Black (7%)



Cyan (23%)

Magenta (7%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5ED12 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 C5ED12 by changing the saturation by 10% instead.



 C5ED12

 C5ED12

FFFFFF

 A7D100

 FFFF60

 8AB500

 FFFF7E

 6D9A00

 FFFF9B

 508000

 FFFFFB9

 326700

 FFFFD7

 0F4E00

 FFFFF5

 003700

 002300

 000000

 C5ED12

 C5ED12

 C2ED00

 C9ED2A

 CEED41

 D2ED59

 D6ED71

 DBED88

 DFEDA0

 E3EDB8

 E8EDD0

 ECEDE7

# Harmonies

## Analogous

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



FFD200



C5ED12



43FD6D

# Triad

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



C5ED12



00FFFF



FF85F5

# Complementary

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



C5ED12



3A12ED

# 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.



FFA5FF



C5ED12



00EDFF

# Square

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



C5ED12



00FFFF



B4CEFF



FF8B9D

# Rectangle

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



C5ED12



00FFA8



B4CEFF



FF8DFF



# Sweetspot

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



C5ED12



F2FFB8



ED3612



788054



000000



808080



# Same Dimension

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



C5ED12



D0FF00



5BED12



73756A



94B500



2C3600



# Inverse Universe

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



3A12ED



2F00FF



A412ED



6C6A75



2100B5

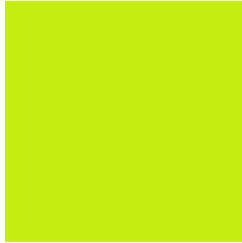


0A0036



# Previews

## White Background



This preview shows how the Hex color C5ED12 looks on a white background.

## Color Contrast Check

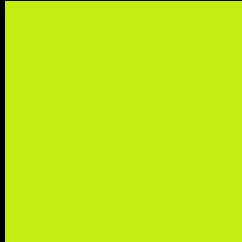
Large Text (above 18pt) WCAG AA × Fail

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 C5ED12 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 C5ED12 Background



This preview shows how black text looks on a background with the Hex color C5ED12.



This preview shows how white text looks on a background with the Hex color C5ED12.

# 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



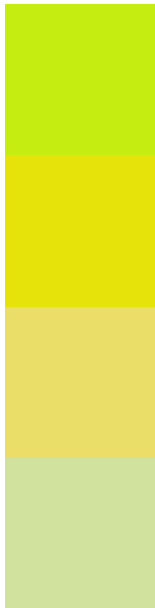
**Original Color**  
C5ED12

**Protanopia**  
F9DD06

**Deuteranopia**  
FFD69A



# Trichromacy



**Original Color**  
C5ED12

**Protanomaly**  
E6E30A

**Deuteranomaly**  
EADE69

**Tritanomaly**  
D1E29E

# Monochromacy



**Original Color**  
C5ED12

**Achromatopsia**  
C8C8C8

**Achromatomaly**  
C7D586

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5ED12 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 #C5ED12 looks like.

```
.text, #text, p{  
    color:#C5ED12  
}
```

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 #C5ED12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5ED12
}
```

## Border

The CSS property to change the border of an element to Hex C5ED12 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
#C5ED12 }
```

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

```
.border{ border-color:#C5ED12 }
```

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

Here you see how a box with a 4 pixel #C5ED12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5ED12; -webkit-box-shadow:4px 4px  
4px 4px #C5ED12; box-shadow:4px 4px 4px  
4px #C5ED12 }
```

# Background

The CSS property to change the background color of an element to Hex C5ED12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5ED12 }
```

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

```
.background{ background-color:#C5ED12 }
```

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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