

Converting Colors

Hex(CCD51E)

Have a look what the booklet for
Hex(CCD51E) contains.

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Color

Hex(CCD51E)

Conversions

Conversions Part 1

Format	Color
Hex	CCD51E
RGB	204, 213, 30
RGB Percent	80%, 84%, 12%
CMY	0.2000, 0.1647, 0.8824
CMYK	0.04, 0.00, 0.86, 0.16
HSL	63°, 75%, 48%
HSV	63°, 86%, 84%
XYZ	48.9304, 60.5196, 10.3308
YIQ	189.4470, 53.3790, -58.8210

Conversions

Conversions Part 2

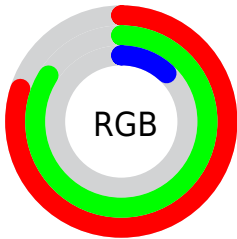
Format	Color
RYB	30, 213, 39
Decimal	13423902
CIELab	82.12, -22.20, 77.95
CIElCh	82, 81.052, 105.898
Yxy	60.5196, 0.4085, 0.5053
Android (android.graphics.Color)	4291613982 (0xFFCCD51E)
YUV	189.4470, -78.6074, 12.7630
Hunter-Lab	77.7943, -23.8687, 46.5825

Details

The Hex color **CCD51E** 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 **271ED5**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFF61**, and **919F00** is the 20% darker color. If you saturate the color by 10%, you get **CBD509**, and if you desaturate by 10%, it is **CDD533**.

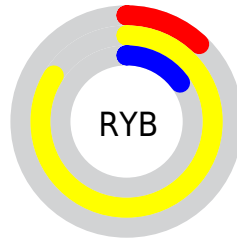
Distribution



Red (80%)

Green (84%)

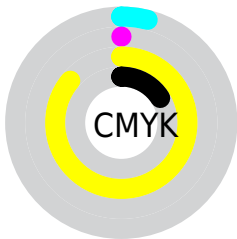
Blue (12%)



Red (12%)

Yellow (84%)

Blue (15%)

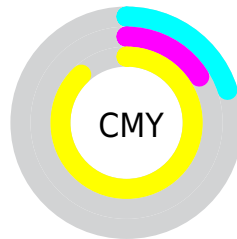


Cyan (4%)

Magenta (0%)

Yellow (86%)

Black (16%)



Cyan (20%)

Magenta (16%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCD51E 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 CCD51E by changing the saturation by 10% instead.

 CCD51E

 CCD51E

FFFFFF

 AEB900

 FFFF61

 919F00

 FFFF7E

 758500

 FFFF9B

 596B00

 FFFFFB8

 3D5300

 FFFFFD5

 223C00

 FFFFFF3

 062600

 000E00

 000000

 CCD51E

 CCD51E

 CBD509

 CDD533

 CBD500

 CED549

 CFD55E

 D0D573

 D1D589

 D2D59E

 D3D5B3

 D4D5C8

 D5D5DE

Harmonies

Analogous

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



FFBC27



CCD51E



72E55A

Triad

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



CCD51E



00ECFF



FF87F3

Complementary

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



CCD51E



271ED5

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.



FFA6FF



CCD51E



00DFFF

Square

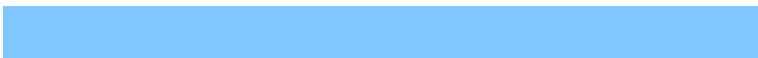
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CCD51E



00F0F4



81C7FF



FF83A7

Rectangle

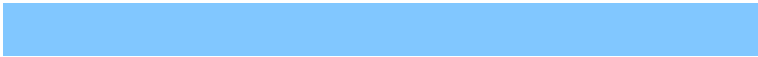
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CCD51E



00EC8B



81C7FF



FF90FF

Sweetspot

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



CCD51E



FCFFBD



D5241E



7E8058



000000



808080

Same Dimension

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



CCD51E



F2FF00



73D51E



6B6B60



A2AB00



292B00

Inverse Universe

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



271ED5



0D00FF



801ED5



61606B



0800AB



02002B

Previews

White Background



This preview shows how the Hex color CCD51E looks on a white background.

Color Contrast Check

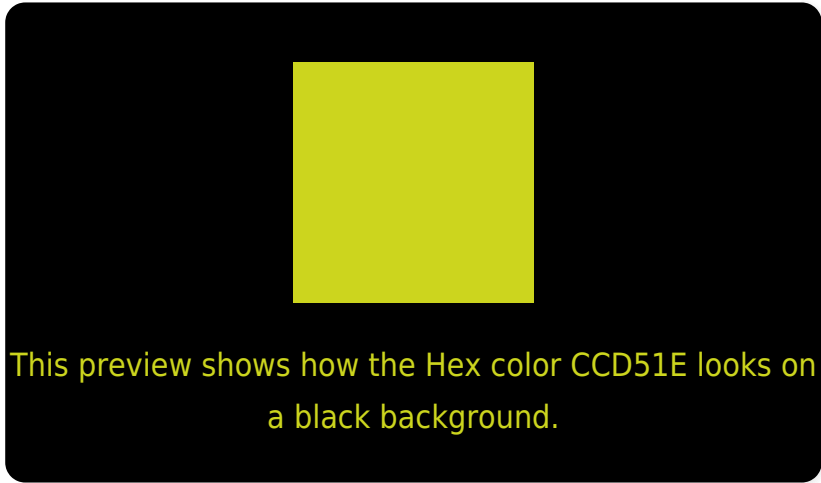
Large Text (above 18pt) WCAG AA × Fail

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 CCD51E Background



This preview shows how black text looks on a background with the Hex color CCD51E.

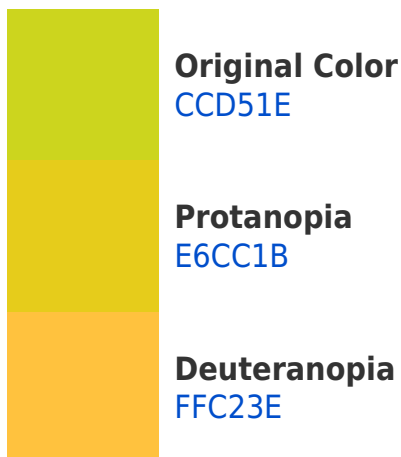


This preview shows how white text looks on a background with the Hex color CCD51E.

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](#).

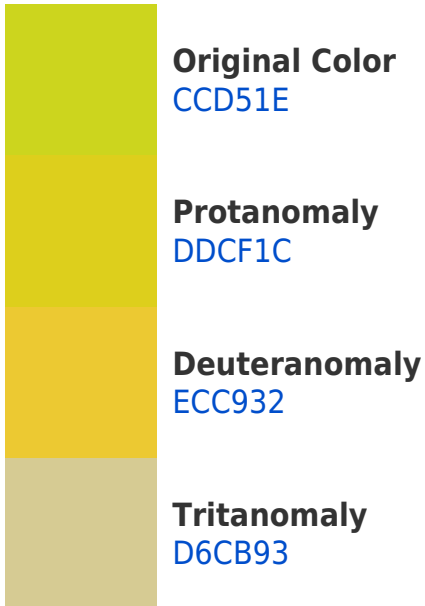
Dichromacy





Tritanopia
DBC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCD51E 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 #CCD51E looks like.

```
.text, #text, p{  
    color:#CCD51E  
}
```

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 #CCD51E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCD51E
}
```

Border

The CSS property to change the border of an element to Hex CCD51E 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
#CCD51E }
```

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

```
.border{ border-color:#CCD51E }
```

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

Here you see how a box with a 4 pixel #CCD51E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCD51E; -webkit-box-shadow:4px 4px  
4px 4px #CCD51E; box-shadow:4px 4px 4px  
4px #CCD51E }
```

Background

The CSS property to change the background color of an element to Hex CCD51E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCD51E }
```

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

```
.background{ background-color:#CCD51E }
```

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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