

# Converting Colors

Hex(C1D44E)

Have a look what the booklet for  
Hex(C1D44E) contains.

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# Color

**Hex(C1D44E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1D44E
RGB	193, 212, 78
RGB Percent	76%, 83%, 31%
CMY	0.2431, 0.1686, 0.6941
CMYK	0.09, 0.00, 0.63, 0.17
HSL	69°, 61%, 57%
HSV	69°, 63%, 83%
XYZ	46.9109, 58.9745, 16.1185
YIQ	191.0430, 31.6900, -45.7020

# Conversions

## Conversions Part 2

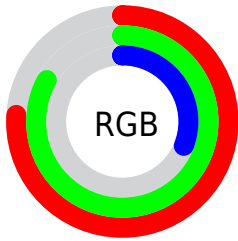
Format	Color
<a href="#">RYB</a>	<a href="#">78, 212, 97</a>
Decimal	<a href="#">12702798</a>
CIELab	<a href="#">81.28, -24.16, 61.92</a>
CIELCh	<a href="#">81, 66.467, 111.316</a>
Yxy	<a href="#">58.9745, 0.3845, 0.4834</a>
Android (android.graphics.Color)	<a href="#">4290892878 (0xFFC1D44E)</a>
YUV	<a href="#">191.0430, -55.7302, 1.7163</a>
Hunter-Lab	<a href="#">76.7948, -25.3524, 41.3120</a>

# Details

The Hex color **C1D44E** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **614ED4**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FCFF85**, and **889D0E** is the 20% darker color. If you saturate the color by 10%, you get **BED439**, and if you desaturate by 10%, it is **C4D463**.

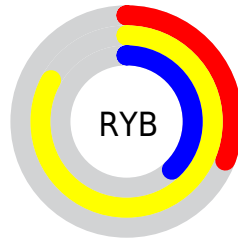
# Distribution



Red (76%)

Green (83%)

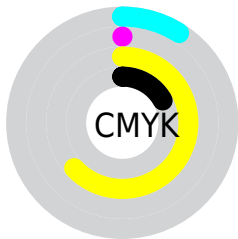
Blue (31%)



Red (31%)

Yellow (83%)

Blue (38%)

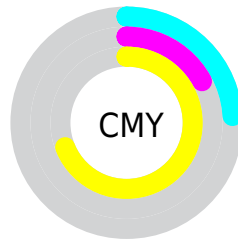


Cyan (9%)

Magenta (0%)

Yellow (63%)

Black (17%)



Cyan (24%)

Magenta (17%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1D44E 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 C1D44E by changing the saturation by 10% instead.



 C1D44E

 C1D44E

FFFFFF

 A4B832

 FCFF85

 889D0E

 FFFFA0

 6D8300

 FFFFBD

 526A00

 FFFFD9

 375200

 FFFFF7

 1C3B00

 002500

 000900

 000000

 C1D44E

 C1D44E

 BED439

 C4D463

 BBD424

 C7D478

 B8D40E

 CAD48E

 B6D400

 CDD4A3

 D0D4B8

 D3D4CD

 D6D4E2

 D9D4F8

 DCD4FF

# Harmonies

## Analogous

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



FCC049



C1D44E



75E179

# Triad

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



C1D44E



00E3FF



FF94DF

# Complementary

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



C1D44E



614ED4

# 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.



FFA7FF



C1D44E



00D6FF

# Square

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



C1D44E



00E8F5



AEC1FF



FF95A0

# Rectangle

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



C1D44E



00E6A0



AEC1FF



FF99F3



# Sweetspot

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



C1D44E



F8FFCF



D4604E



7B8062



000000



808080



# Same Dimension

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



C1D44E



E4FF3D



7FD44E



6A6B60



93AB00



252B00



# Inverse Universe

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



614ED4



593DFF



A34ED4



62606B



1800AB



06002B



# Previews

## White Background



This preview shows how the Hex color C1D44E 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 C1D44E 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 C1D44E Background



This preview shows how black text looks on a background with the Hex color C1D44E.

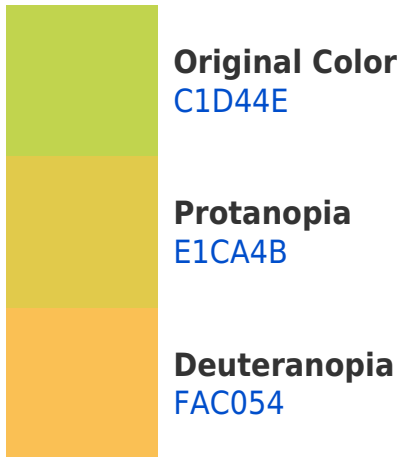


This preview shows how white text looks on a background with the Hex color C1D44E.

# 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**  
CFC6D6

# Trichromacy



**Original Color**  
C1D44E

**Protanomaly**  
D5CE4C

**Deuteranomaly**  
E5C752

**Tritanomaly**  
CACBA5

# Monochromacy



**Original Color**  
C1D44E

**Achromatopsia**  
BFBFBF

**Achromatomaly**  
C0C796

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1D44E 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 #C1D44E looks like.

```
.text, #text, p{  
    color:#C1D44E  
}
```

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 #C1D44E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1D44E
}
```

## Border

The CSS property to change the border of an element to Hex C1D44E 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
#C1D44E }
```

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

```
.border{ border-color:#C1D44E }
```

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

Here you see how a box with a 4 pixel #C1D44E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1D44E; -webkit-box-shadow:4px 4px  
4px 4px #C1D44E; box-shadow:4px 4px 4px  
4px #C1D44E }
```

# Background

The CSS property to change the background color of an element to Hex C1D44E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1D44E }
```

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

```
.background{ background-color:#C1D44E }
```

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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