

Converting Colors

Hex(CCBC1D)

Have a look what the booklet for
Hex(CCBC1D) contains.

Hex(CCBC1D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CCBC1D)

Conversions

Conversions Part 1

Format	Color
Hex	CCBC1D
RGB	204, 188, 29
RGB Percent	80%, 74%, 11%
CMY	0.2000, 0.2627, 0.8863
CMYK	0.00, 0.08, 0.86, 0.20
HSL	55°, 75%, 46%
HSV	55°, 86%, 80%
XYZ	43.1068, 48.8925, 8.3276
YIQ	174.6580, 60.5750, -46.0570

Conversions

Conversions Part 2

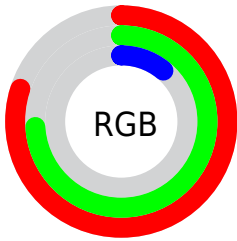
Format	Color
R _Y B	47, 204, 29
Decimal	13417501
CIE Lab	75.38, -9.74, 72.66
CIE LCh	75, 73.314, 97.637
Yxy	48.8925, 0.4297, 0.4873
Android (android.graphics.Color)	4291607581 (0xFFCCBC1D)
YUV	174.6580, -71.8094, 25.7329
Hunter-Lab	69.9232, -12.3224, 41.8850

Details

The Hex color **CCBC1D** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **1D2DCC**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFF45C**, and **918700** is the 20% darker color. If you saturate the color by 10%, you get **CCBA09**, and if you desaturate by 10%, it is **CCBE31**.

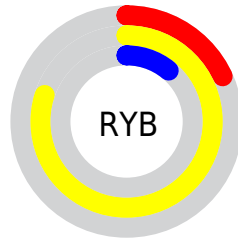
Distribution



Red (80%)

Green (74%)

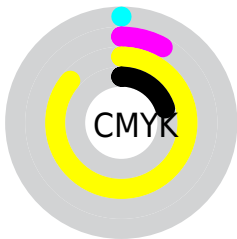
Blue (11%)



Red (18%)

Yellow (80%)

Blue (11%)

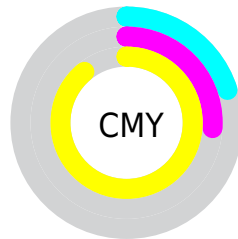


Cyan (0%)

Magenta (8%)

Yellow (86%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCBC1D 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 CCBC1D by changing the saturation by 10% instead.

 CCBC1D

 CCBC1D

FFFFFF

 AEA100

 FFF45C

 918700

 FFFF79

 756E00

 FFFF95

 595600

 FFFFB2

 3E3F00

 FFFFCE

 252900

 FFFFEC

 051600

 000000

 CCBC1D

 CCBC1D

■ CCBA09

■ CCBE31

■ CCB900

■ CCC046

■ CCC25A

■ CCC36F

■ CCC583

■ CCC797

■ CCC9AC

■ CCCBC0

■ CCCDD5

Harmonies

Analogous

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



FFA335



CCBC1D



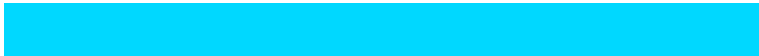
84CD45

Triad

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



CCBC1D



00D8FF



FF83EF

Complementary

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



CCBC1D



1D2DCC

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.



D3A0FF



CCBC1D



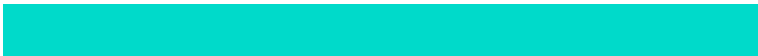
00CEFF

Square

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



CCBC1D



00DACA



39BCFF



FF78AB

Rectangle

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



CCBC1D



36D46D



39BCFF



FF8CFF

Sweetspot

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



CCBC1D



FFF9BD



CC1D2F



807C58



000000



808080

Same Dimension

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



CCBC1D



FFE800



86CC1D



66655C



A69700



262300

Inverse Universe

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



1D2DCC



0017FF



631DCC



5C5D66



000FA6



000326

Previews

White Background



This preview shows how the Hex color CCBC1D looks on a white background.

Color Contrast Check

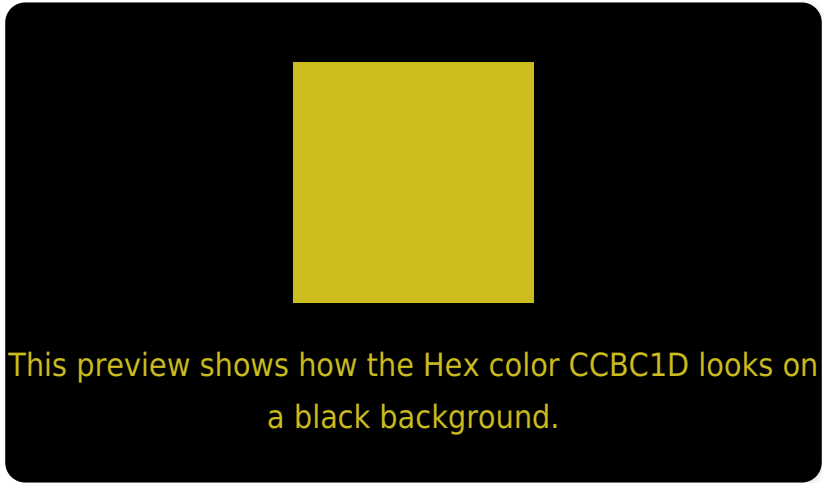
Large Text (above 18pt) WCAG AA × Fail

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 CCBC1D Background



This preview shows how black text looks on a background with the Hex color CCBC1D.



This preview shows how white text looks on a background with the Hex color CCBC1D.

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
CCBC1D

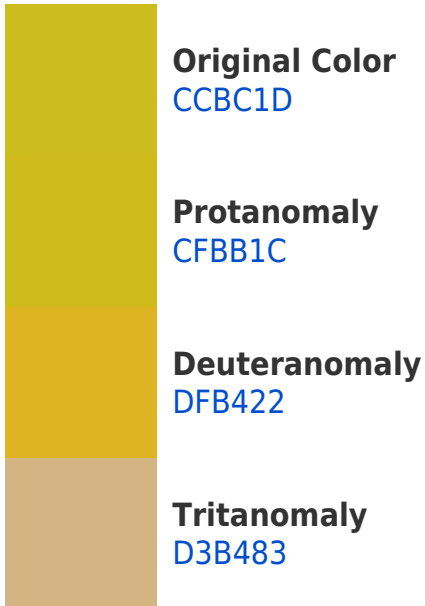
Protanopia
D1BA1C

Deuteranopia
EAB025

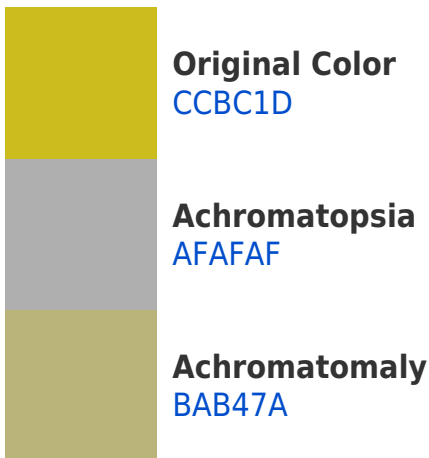


Tritanopia
D7AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCBC1D 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 #CCBC1D looks like.

```
.text, #text, p{  
    color:#CCBC1D  
}
```

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 #CCBC1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCBC1D
}
```

Border

The CSS property to change the border of an element to Hex CCBC1D 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
#CCBC1D }
```

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

```
.border{ border-color:#CCBC1D }
```

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

Here you see how a box with a 4 pixel #CCBC1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCBC1D; -webkit-box-shadow:4px 4px  
4px 4px #CCBC1D; box-shadow:4px 4px 4px  
4px #CCBC1D }
```

Background

The CSS property to change the background color of an element to Hex CCBC1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCBC1D }
```

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

```
.background{ background-color:#CCBC1D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor