

Converting Colors

Hex(CBD030)

Have a look what the booklet for
Hex(CBD030) contains.

Hex(CBD030)	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(CBD030)

Conversions

Conversions Part 1

Format	Color
Hex	CBD030
RGB	203, 208, 48
RGB Percent	80%, 82%, 19%
CMY	0.2039, 0.1843, 0.8118
CMYK	0.02, 0.00, 0.77, 0.18
HSL	62°, 63%, 50%
HSV	62°, 77%, 82%
XYZ	47.7180, 58.0217, 11.4806
YIQ	188.2650, 48.3800, -50.8200

Conversions

Conversions Part 2

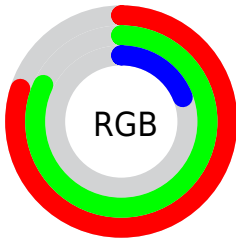
Format	Color
R_{YB}	48, 208, 53
Decimal	13357104
CIE _{Lab}	80.75, -19.64, 72.33
CIE _{LCh}	81, 74.945, 105.191
Yxy	58.0217, 0.4071, 0.4950
Android (android.graphics.Color)	4291547184 (0xFFCBD030)
YUV	188.2650, -69.1506, 12.9226
Hunter-Lab	76.1720, -21.4794, 44.3842

Details

The Hex color **CBD030** 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 **3530D0**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFF6C**, and **919A00** is the 20% darker color. If you saturate the color by 10%, you get **CAD01B**, and if you desaturate by 10%, it is **CCD045**.

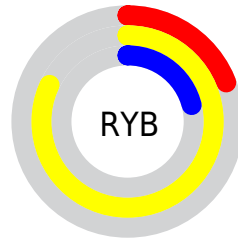
Distribution



Red (80%)

Green (82%)

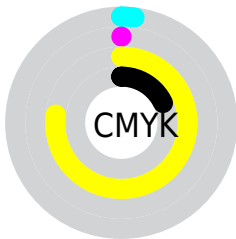
Blue (19%)



Red (19%)

Yellow (82%)

Blue (21%)

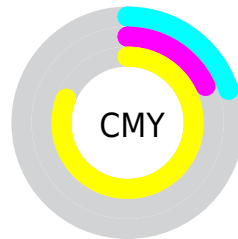


Cyan (2%)

Magenta (0%)

Yellow (77%)

Black (18%)



Cyan (20%)

Magenta (18%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBD030 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 CBD030 by changing the saturation by 10% instead.

 CBD030

 CBD030

FFFFFF

 AEB500

 FFFF6C

 919A00

 FFFF88

 758000

 FFFFA4

 596700

 FFFF80

 3E4F00

 FFFFDE

 233800

FFFFFFC

 072300

 000500

 000000

 CBD030

 CBD030

 CAD01B

 CCD045

 CAD006

 CCD05A

 CAD000

 CDD06E

 CED083

 CED098

 CFD0AD

 D0D0C2

 D0D0D6

 D1D0EB

Harmonies

Analogous

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



FFB837



CBD030



7AE05F

Triad

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



CBD030



00E6FF



FF8CEE

Complementary

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



CBD030



3530D0

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.



F9A6FF



CBD030



00DAFF

Square

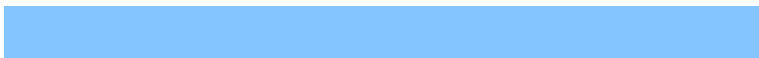
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CBD030



00EAEB



84C4FF



FF87A8

Rectangle

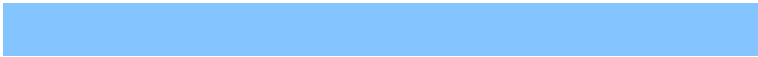
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CBD030



00E68B



84C4FF



FF93FF

Sweetspot

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



CBD030



FDFFC4



D03330



7E805C



000000



808080

Same Dimension

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



CBD030



F8FF14



7DD030



68695E



A3A800



282900

Inverse Universe

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



3530D0



1C14FF



8330D0



5E5E69



0500A8



010029

Previews

White Background



This preview shows how the Hex color CBD030 looks on a white background.

Color Contrast Check

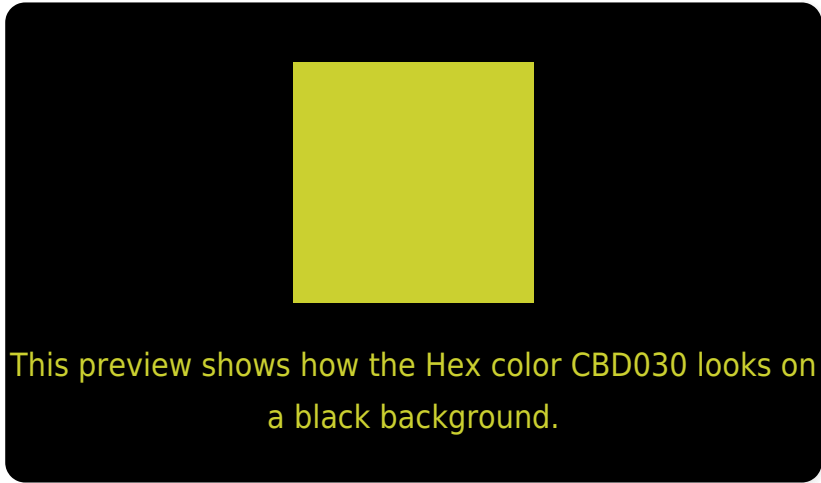
Large Text (above 18pt) WCAG AA × Fail

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 CBD030 Background



This preview shows how black text looks on a background with the Hex color CBD030.



This preview shows how white text looks on a background with the Hex color CBD030.

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
CBD030

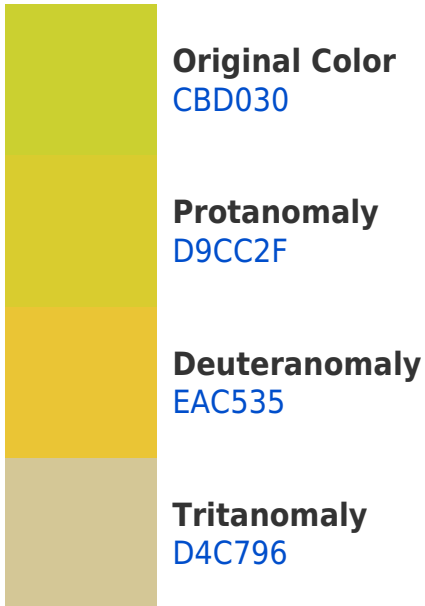
Protanopia
E1C92E

Deuteranopia
FBBE38



Tritanopia
D9C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBD030 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 #CBD030 looks like.

```
.text, #text, p{  
    color:#CBD030  
}
```

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 #CBD030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBD030
}
```

Border

The CSS property to change the border of an element to Hex CBD030 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
#CBD030 }
```

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

```
.border{ border-color:#CBD030 }
```

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

Here you see how a box with a 4 pixel #CBD030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBD030; -webkit-box-shadow:4px 4px  
4px 4px #CBD030; box-shadow:4px 4px 4px  
4px #CBD030 }
```

Background

The CSS property to change the background color of an element to Hex CBD030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBD030 }
```

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

```
.background{ background-color:#CBD030 }
```

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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