

Converting Colors

Hex(CBCE30)

Have a look what the booklet for
Hex(CBCE30) contains.

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Color

Hex(CBCE30)

Conversions

Conversions Part 1

Format	Color
Hex	CBCE30
RGB	203, 206, 48
RGB Percent	80%, 81%, 19%
CMY	0.2039, 0.1922, 0.8118
CMYK	0.01, 0.00, 0.77, 0.19
HSL	61°, 62%, 50%
HSV	61°, 77%, 81%
XYZ	47.2334, 57.0525, 11.3191
YIQ	187.0910, 48.9300, -49.7740

Conversions

Conversions Part 2

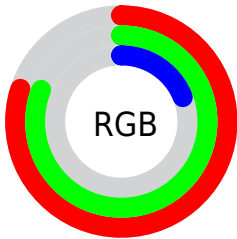
Format	Color
RYB	48, 206, 51
Decimal	13356592
CIELab	80.21, -18.65, 71.84
CIELCh	80, 74.220, 104.556
Yxy	57.0525, 0.4086, 0.4935
Android (android.graphics.Color)	4291546672 (0xFFCBCE30)
YUV	187.0910, -68.5719, 13.9522
Hunter-Lab	75.5331, -20.5609, 43.9882

Details

The Hex color **CBCE30** 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 **3330CE**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFF6B**, and **919800** is the 20% darker color. If you saturate the color by 10%, you get **CBCE1B**, and if you desaturate by 10%, it is **CBCE45**.

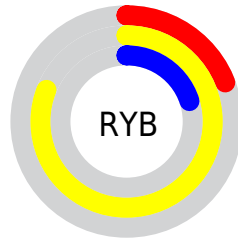
Distribution



Red (80%)

Green (81%)

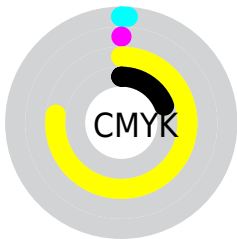
Blue (19%)



Red (19%)

Yellow (81%)

Blue (20%)

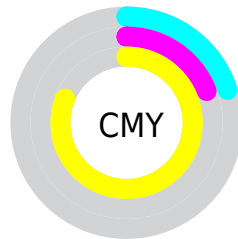


Cyan (1%)

Magenta (0%)

Yellow (77%)

Black (19%)



Cyan (20%)

Magenta (19%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBCE30 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 CBCE30 by changing the saturation by 10% instead.

 CBCE30

 CBCE30

FFFFFF

 AEB300

 FFFF6B

 919800

 FFFF87

 757E00

 FFFFA4

 596500

 FFFF87

 3E4E00

 FFFFDE

 233700

 FFFFFB

 082200

 000100

 000000

 CBCE30

 CBCE30

 CBCE1B

 CBCE45

 CACE07

 CCCE59

 CACE00

 CCCE6E

 CDCE82

 CDCE97

 CDCEAC

 CECEC0

 CECED5

 CFCEE9

Harmonies

Analogous

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



FFB738



CBCE30



7CDE5E

Triad

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



CBCE30



00E5FF



FF8BEE

Complementary

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



CBCE30



3330CE

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.



F6A6FF



CBCE30



00D9FF

Square

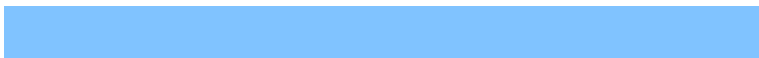
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CBCE30



00E8E8



80C3FF



FF86A8

Rectangle

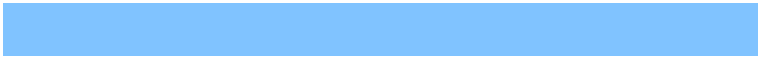
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CBCE30



00E488



80C3FF



FF93FF

Sweetspot

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



CBCE30



FEFFC4



CE3330



7F805C



000000



808080

Same Dimension

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



CBCE30



FBFF14



7CCE30



66665C



A3A600



262600

Inverse Universe

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



3330CE



1914FF



8230CE



5C5C66



0300A6



010026

Previews

White Background



This preview shows how the Hex color CBCE30 looks on a white background.

Color Contrast Check

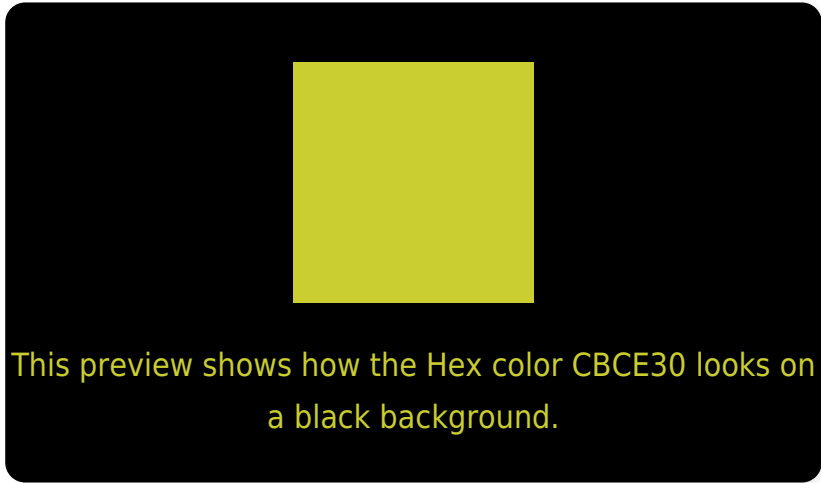
Large Text (above 18pt) WCAG AA × Fail

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 CBCE30 Background



This preview shows how black text looks on a background with the Hex color CBCE30.



This preview shows how white text looks on a background with the Hex color CBCE30.

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
CBCE30

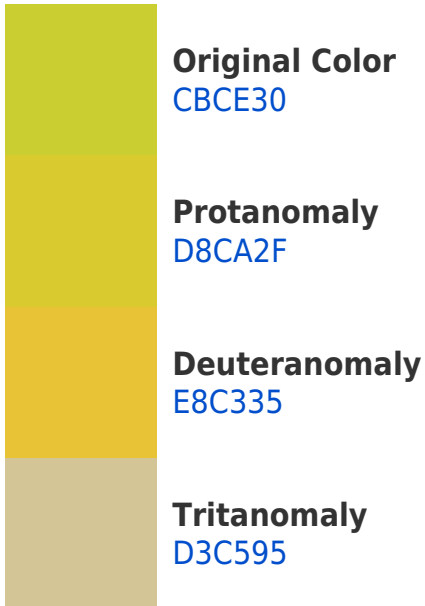
Protanopia
DFC72E

Deuteranopia
F9BD38

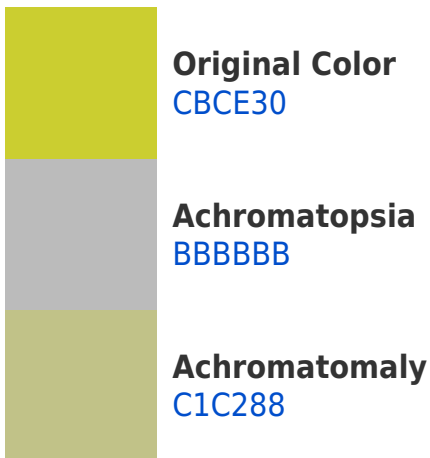


Tritanopia
D8C0CF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBCE30 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 #CBCE30 looks like.

```
.text, #text, p{  
    color:#CBCE30  
}
```

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 #CBCE30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBCE30
}
```

Border

The CSS property to change the border of an element to Hex CBCE30 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
#CBCE30 }
```

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

```
.border{ border-color:#CBCE30 }
```

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

Here you see how a box with a 4 pixel #CBCE30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBCE30; -webkit-box-shadow:4px 4px  
4px 4px #CBCE30; box-shadow:4px 4px 4px  
4px #CBCE30 }
```

Background

The CSS property to change the background color of an element to Hex CBCE30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBCE30 }
```

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

```
.background{ background-color:#CBCE30 }
```

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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