

Converting Colors

Hex(CBD570)

Have a look what the booklet for
Hex(CBD570) contains.

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Color

Hex(CBD570)

Conversions

Conversions Part 1

Format	Color
Hex	CBD570
RGB	203, 213, 112
RGB Percent	80%, 84%, 44%
CMY	0.2039, 0.1647, 0.5608
CMYK	0.05, 0.00, 0.47, 0.16
HSL	66°, 55%, 64%
HSV	66°, 47%, 84%
XYZ	51.3475, 61.4549, 24.4849
YIQ	198.4960, 26.4610, -33.5310

Conversions

Conversions Part 2

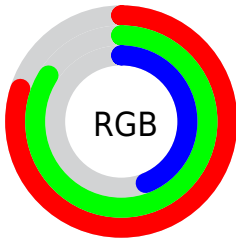
Format	Color
RYB	112, 213, 122
Decimal	13358448
CIELab	82.62, -17.88, 48.42
CIELCh	83, 51.613, 110.265
Yxy	61.4549, 0.3740, 0.4476
Android (android.graphics.Color)	4291548528 (0xFFCBD570)
YUV	198.4960, -42.6425, 3.9500
Hunter-Lab	78.3932, -20.2706, 36.3569

Details

The Hex color **CBD570** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7A70D5**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFA6**, and **939E3C** is the 20% darker color. If you saturate the color by 10%, you get **C9D55B**, and if you desaturate by 10%, it is **CDD585**.

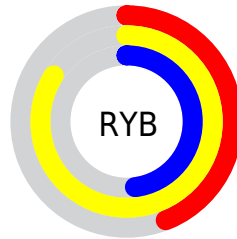
Distribution



Red (80%)

Green (84%)

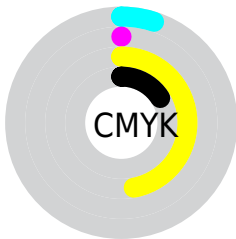
Blue (44%)



Red (44%)

Yellow (84%)

Blue (48%)

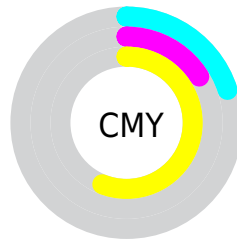


Cyan (5%)

Magenta (0%)

Yellow (47%)

Black (16%)



Cyan (20%)

Magenta (16%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBD570 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 CBD570 by changing the saturation by 10% instead.

 CBD570

 CBD570

FFFFFF

 AFB956

 FFFFA6

 939E3C

 FFFFC2

 788422

 FFFFDE

 5D6B01

 FFFFFB

 445300

 2B3C00

 122600

 001100

 000000

 CBD570

 CBD570

 C9D55B

 CDD585

 C7D545

 CFD59B

 C5D530

 D1D5B0

 C3D51B

 D3D5C5

 C0D506

 D6D5DB

 C0D500

 D8D5F0

 DAD5FF

 DCD5FF

 DED5FF

Harmonies

Analogous

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



FAC56D



CBD570



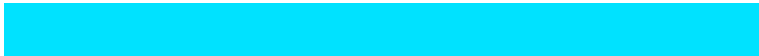
93E08E

Triad

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



CBD570



00E2FF



FFA8E0

Complementary

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



CBD570



7A70D5

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.



FBB5FF



CBD570



5AD7FF

Square

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



CBD570



00E7EE



BAC7FF



FFA8AF

Rectangle

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



CBD570



65E4AB



BAC7FF



FFABF0

Sweetspot

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



CBD570



FBFFDB



D57870



7D806A



000000



808080

Same Dimension

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



CBD570



F1FF6E



9AD570



6A6B60



9AAB00



272B00

Inverse Universe

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



7A70D5



7C6EFF



AB70D5



61606B



1100AB



04002B

Previews

White Background



This preview shows how the Hex color CBD570 looks on a white background.

Color Contrast Check

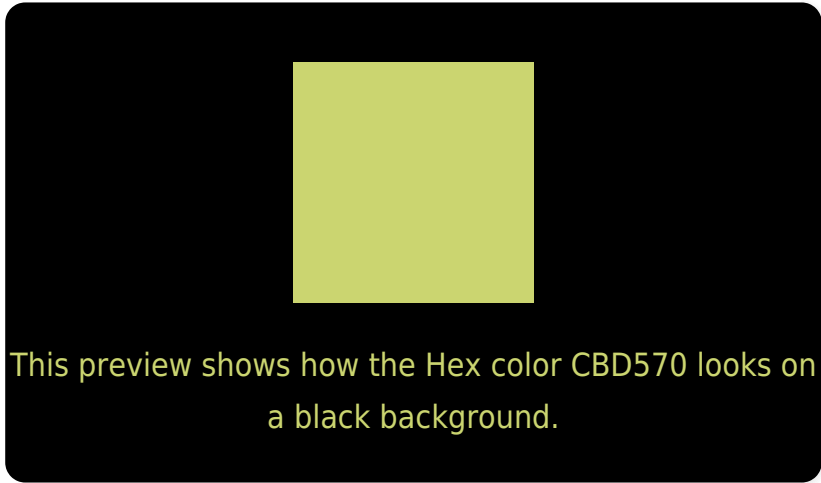
Large Text (above 18pt) WCAG AA × Fail

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

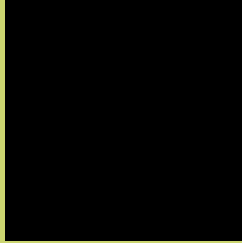
Any Text WCAG AA ✓ Pass

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 CBD570 Background



This preview shows how black text looks on a background with the Hex color CBD570.

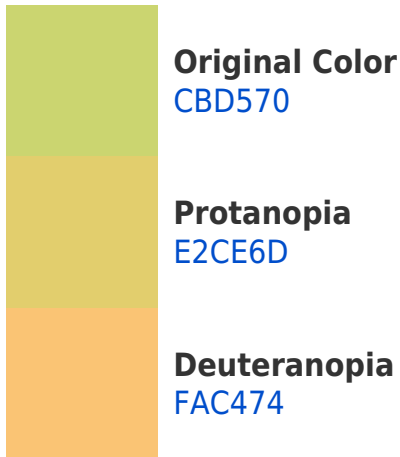


This preview shows how white text looks on a background with the Hex color CBD570.

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](#).

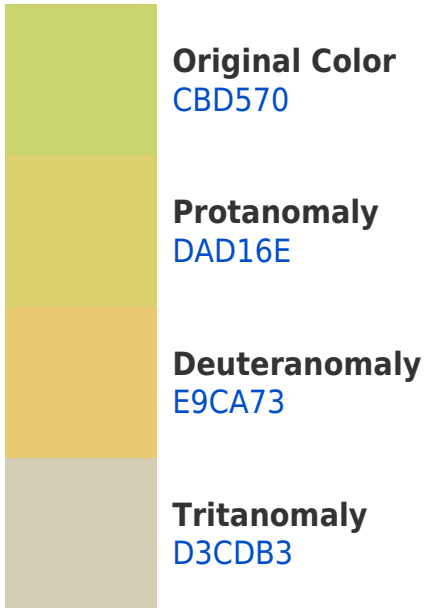
Dichromacy



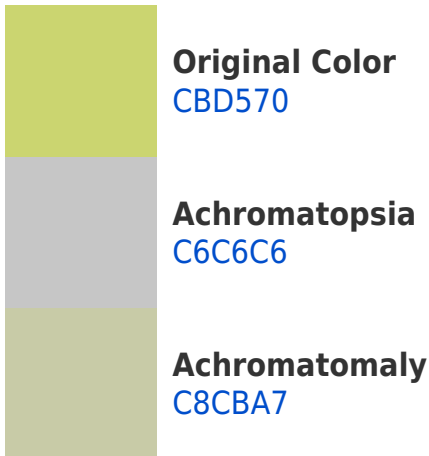


Tritanopia
D7C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBD570 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 #CBD570 looks like.

```
.text, #text, p{  
    color:#CBD570  
}
```

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 #CBD570 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBD570
}
```

Border

The CSS property to change the border of an element to Hex CBD570 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
#CBD570 }
```

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

```
.border{ border-color:#CBD570 }
```

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

Here you see how a box with a 4 pixel #CBD570 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBD570; -webkit-box-shadow:4px 4px  
4px 4px #CBD570; box-shadow:4px 4px 4px  
4px #CBD570 }
```

Background

The CSS property to change the background color of an element to Hex CBD570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBD570 }
```

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

```
.background{ background-color:#CBD570 }
```

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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