

Converting Colors

Hex(CBF723)

Have a look what the booklet for
Hex(CBF723) contains.

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Color

Hex(CBF723)

Conversions

Conversions Part 1

Format	Color
Hex	CBF723
RGB	203, 247, 35
RGB Percent	80%, 97%, 14%
CMY	0.2039, 0.0314, 0.8627
CMYK	0.18, 0.00, 0.86, 0.03
HSL	72°, 93%, 55%
HSV	72°, 86%, 97%
XYZ	58.1927, 79.3394, 13.8371
YIQ	209.6760, 41.8280, -75.2600

Conversions

Conversions Part 2

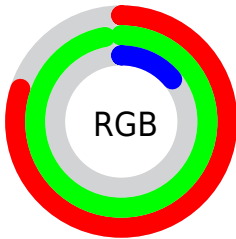
Format	Color
R _Y B	35, 247, 79
Decimal	13367075
CIE Lab	91.39, -38.31, 84.60
CIE LCh	91, 92.869, 114.363
Yxy	79.3394, 0.3844, 0.5241
Android (android.graphics.Color)	4291557155 (0xFFC _B F723)
YUV	209.6760, -86.1153, -5.8549
Hunter-Lab	89.0727, -39.2600, 53.1404

Details

The Hex color **CBF723** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **4F23F7**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF69**, and **90BF00** is the 20% darker color. If you saturate the color by 10%, you get **C6F70A**, and if you desaturate by 10%, it is **D0F73C**.

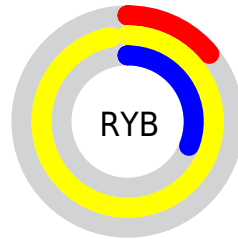
Distribution



Red (80%)

Green (97%)

Blue (14%)



Red (14%)

Yellow (97%)

Blue (31%)

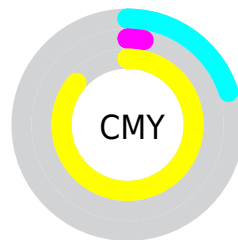


Cyan (18%)

Magenta (0%)

Yellow (86%)

Black (3%)



Cyan (20%)

Magenta (3%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBF723 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 CBF723 by changing the saturation by 10% instead.

 CBF723

 CBF723

FFFFFF

 ADDA00

 FFFF69

 90BF00

 FFFF87

 73A300

 FFFFA4

 568900

 FFFF C2

 386F00

 FFFF E0

 165700

FFFFFFE

 003F00

 002900

 000900

 CBF723

 CBF723

 C6F70A

 D0F73C

 C4F700

 D5F754

 DAF76D

 E0F786

 E5F79F

 EAF7B7

 EFF7D0

 F4F7E9

 F9F7FF

Harmonies

Analogous

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



FFDC00



CBF723



45FF78

Triad

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



CBF723



00FFFF



FF8DFB

Complementary

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



CBF723



4F23F7

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.



FFADFF



CBF723



00F6FF

Square

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



CBF723



00FFFF



C4D6FF



FF94A2

Rectangle

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



CBF723



00FFB3



C4D6FF



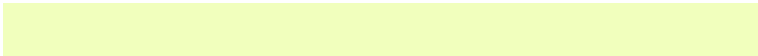
FF95FF

Sweetspot

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



CBF723



F1FFBD



F74D23



778058



000000



808080

Same Dimension

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



CBF723



CAFF00



63F723



787A6E



94BA00



2E3B00

Inverse Universe

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



4F23F7



3500FF



B723F7



716E7A



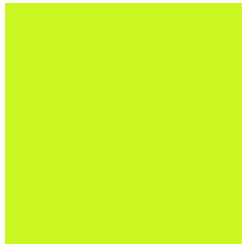
2700BA



0C003B

Previews

White Background



This preview shows how the Hex color CBF723 looks on a white background.

Color Contrast Check

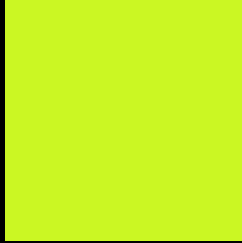
Large Text (above 18pt) WCAG AA × Fail

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 CBF723 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 CBF723 Background



This preview shows how black text looks on a background with the Hex color CBF723.

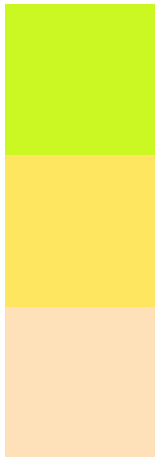


This preview shows how white text looks on a background with the Hex color CBF723.

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

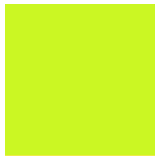


Original Color
CBF723

Protanopia
FFE660

Deuteranopia
FFE1B9

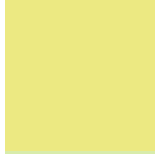
Trichromacy



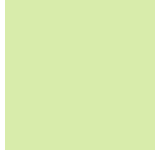
Original Color
CBF723



Protanomaly
ECEC4A

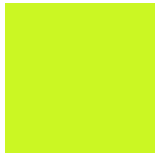


Deuteranomaly
ECE982

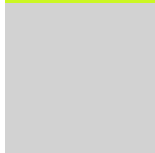


Tritanomaly
D8ECAB

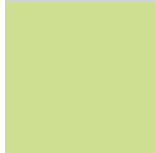
Monochromacy



Original Color
CBF723



Achromatopsia
D2D2D2



Achromatomaly
CFDF92

CSS Examples

Text

The CSS property to change the color of the text to Hex CBF723 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 #CBF723 looks like.

```
.text, #text, p{  
  color:#CBF723  
}
```

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 #CBF723 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBF723
}
```

Border

The CSS property to change the border of an element to Hex CBF723 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
#CBF723 }
```

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

```
.border{ border-color:#CBF723 }
```

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

Here you see how a box with a 4 pixel #CBF723 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBF723; -webkit-box-shadow:4px 4px  
4px 4px #CBF723; box-shadow:4px 4px 4px  
4px #CBF723 }
```

Background

The CSS property to change the background color of an element to Hex CBF723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBF723 }
```

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

```
.background{ background-color:#CBF723 }
```

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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