

Converting Colors

Hex(CBF671)

Have a look what the booklet for
Hex(CBF671) contains.

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Color

Hex(CBF671)

Conversions

Conversions Part 1

Format	Color
Hex	CBF671
RGB	203, 246, 113
RGB Percent	80%, 96%, 44%
CMY	0.2039, 0.0353, 0.5569
CMYK	0.17, 0.00, 0.54, 0.04
HSL	79°, 88%, 70%
HSV	79°, 54%, 96%
XYZ	60.5650, 79.8003, 27.8337
YIQ	217.9810, 17.0650, -50.4790

Conversions

Conversions Part 2

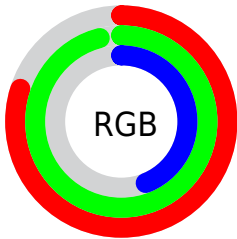
Format	Color
RYB	113, 246, 156
Decimal	13366897
CIELab	91.60, -33.51, 58.58
CIELCh	92, 67.487, 119.774
Yxy	79.8003, 0.3601, 0.4744
Android (android.graphics.Color)	4291556977 (0xFFC6BF671)
YUV	217.9810, -51.7556, -13.1383
Hunter-Lab	89.3310, -35.3091, 44.0582

Details

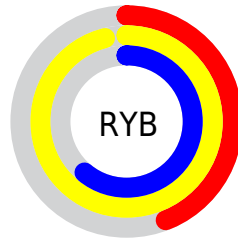
The Hex color **CBF671** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9C71F6**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFA8**, and **92BE3B** is the 20% darker color. If you saturate the color by 10%, you get **C3F658**, and if you desaturate by 10%, it is **D3F68A**.

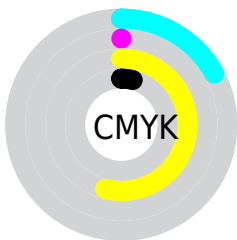
Distribution



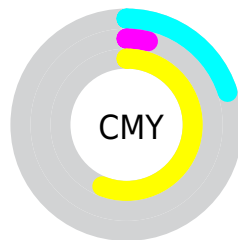
- Red (80%)
- Green (96%)
- Blue (44%)



- Red (44%)
- Yellow (96%)
- Blue (61%)



- Cyan (17%)
- Magenta (0%)
- Yellow (54%)
- Black (4%)



- Cyan (20%)
- Magenta (4%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBF671 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 CBF671 by changing the saturation by 10% instead.

 CBF671

FFFFFF

 FFFFA8

 FFFFC4

 FFFFE1

FFFFFFE

 CBF671

 AED956

 92BE3B

 76A21C

 5B8800

 406E00

 255600

 003E00

 002800

 000B00

 CBF671

 CBF671

 C3F658

 D3F68A

 BBF640

 DBF6A2

 B3F627

 E3F6BB

 ABF60F

 EBF6D3

 A6F600

 F3F6EC

 FBF6FF

 FFF6FF

Harmonies

Analogous

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



FFE360



CBF671



76FFA3

Triad

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



CBF671



00FEFF



FFAFEA

Complementary

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



CBF671



9C71F6

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.



FFBDFE



CBF671



64EEFF

Square

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



CBF671



00FFFF



E9D6FF



FFB6AA

Rectangle

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



CBF671



00FFCE



E9D6FF



FFB1FF

Sweetspot

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



CBF671



F2FFD6



F69B71



788067



000000



808080

Same Dimension

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



CBF671



C9FF59



89F671



767A6E



7EBA00



283B00

Inverse Universe

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



9C71F6



8F59FF



DE71F6



726E7A



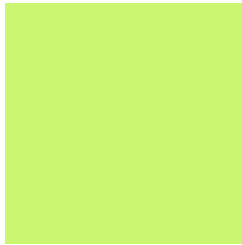
3C00BA



13003B

Previews

White Background



This preview shows how the Hex color CBF671 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 CBF671 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 CBF671 Background



This preview shows how black text looks on a background with the Hex color CBF671.

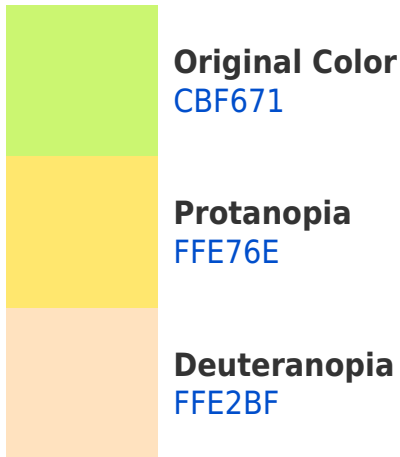


This preview shows how white text looks on a background with the Hex color CBF671.

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



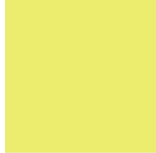


Tritanopia
DCE7FA

Trichromacy



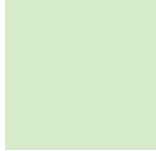
Original Color
CBF671



Protanomaly
ECEC6F

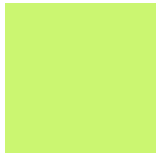


Deuteranomaly
ECE9A3

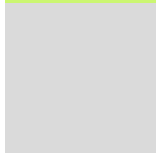


Tritanomaly
D6ECC8

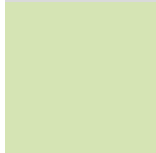
Monochromacy



Original Color
CBF671



Achromatopsia
DADADA



Achromatomaly
D5E4B4

CSS Examples

Text

The CSS property to change the color of the text to Hex CBF671 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 #CBF671 looks like.

```
.text, #text, p{  
    color:#CBF671  
}
```

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 #CBF671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBF671
}
```

Border

The CSS property to change the border of an element to Hex CBF671 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
#CBF671 }
```

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

```
.border{ border-color:#CBF671 }
```

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

Here you see how a box with a 4 pixel #CBF671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBF671; -webkit-box-shadow:4px 4px  
4px 4px #CBF671; box-shadow:4px 4px 4px  
4px #CBF671 }
```

Background

The CSS property to change the background color of an element to Hex CBF671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBF671 }
```

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

```
.background{ background-color:#CBF671 }
```

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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