

Converting Colors

Hex(BCF482)

Have a look what the booklet for
Hex(BCF482) contains.

| | |
|--|----|
| Hex(BCF482) | 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(BCF482)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BCF482 |
| RGB | 188, 244, 130 |
| RGB Percent | 74%, 96%, 51% |
| CMY | 0.2627, 0.0431, 0.4902 |
| CMYK | 0.23, 0.00, 0.47, 0.04 |
| HSL | 89°, 84%, 73% |
| HSV | 89°, 47%, 96% |
| XYZ | 57.1190, 77.0044, 32.9719 |
| YIQ | 214.2600, 3.2180, -47.3260 |

Conversions

Conversions Part 2

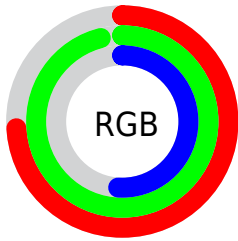
| Format | Color |
|-------------------------------------|--|
| RYB | 130, 244, 186 |
| Decimal | 12383362 |
| CIELab | 90.32, -36.35, 49.01 |
| CIELCh | 90, 61.021, 126.564 |
| Yxy | 77.0044, 0.3418, 0.4608 |
| Android (android.graphics.Color) | 4290573442 (0xFFBCF482) |
| YUV | 214.2600, -41.5402, -23.0300 |
| Hunter-Lab | 87.7522, -37.3784, 39.1489 |

Details

The Hex color **BCF482** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BA82F4**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **F6FFB9**, and **84BB4D** is the 20% darker color. If you saturate the color by 10%, you get **B0F46A**, and if you desaturate by 10%, it is **C8F49A**.

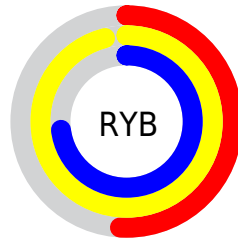
Distribution



Red (74%)

Green (96%)

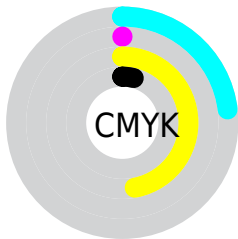
Blue (51%)



Red (51%)

Yellow (96%)

Blue (73%)

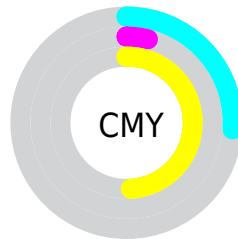


Cyan (23%)

Magenta (0%)

Yellow (47%)

Black (4%)



Cyan (26%)

Magenta (4%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCF482 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 BCF482 by changing the saturation by 10% instead.

 BCF482

FFFFFF

 F6FFB9

 FFFFD5

 FFFFF2

 BCF482


 A0D767

 84BB4D

 69A033

 4E8617

 336C00

 175300

 003C00

 002700

 000200

 BCF482

 BCF482

 B0F46A

 C8F49A

 A4F451

 D4F4B3

 98F439

 E0F4CB

 8CF420

 ECF4E4

 80F408

 F8F4FC

 7CF400

 FFF4FF

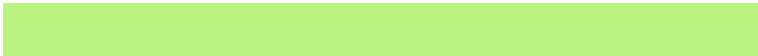
Harmonies

Analogous

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



FAE46B



BCF482



6BFEB3

Triad

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



BCF482



00F6FF



FFB2D9

Complementary

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



BCF482



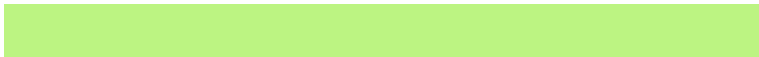
BA82F4

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.



FFBAFF



BCF482



98E5FF

Square

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



BCF482



00FFFF



F9CFFF



FFBCA1

Rectangle

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



BCF482



00FFDA



F9CFFF



FFB3EC

Sweetspot

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



BCF482



EDFFDB



F4B982



75806A



000000



808080

Same Dimension

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



BCF482



B9FF70



84F482



747A6E



5FBA00



1E3B00

Inverse Universe

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



BA82F4



B670FF



F282F4



746E7A



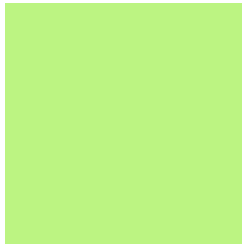
5B00BA



1D003B

Previews

White Background



This preview shows how the Hex color BCF482 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 BCF482 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 BCF482 Background



This preview shows how black text looks on a background with the Hex color BCF482.

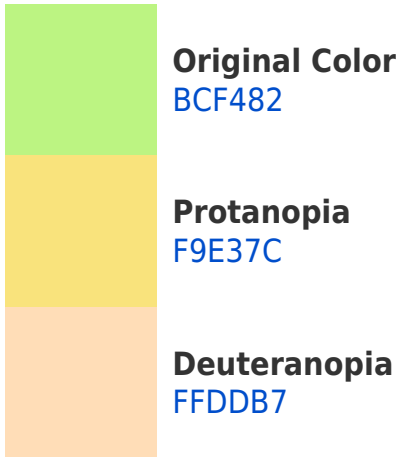


This preview shows how white text looks on a background with the Hex color BCF482.

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



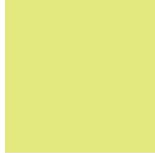


Tritanopia
CDE7F9

Trichromacy



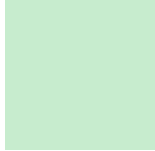
Original Color
BCF482



Protanomaly
E3E97E



Deuteranomaly
E7E5A4

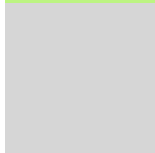


Tritanomaly
C7ECCE

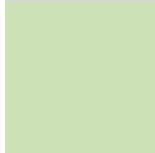
Monochromacy



Original Color
BCF482



Achromatopsia
D6D6D6



Achromatomaly
CDE1B7

CSS Examples

Text

The CSS property to change the color of the text to Hex BCF482 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 #BCF482 looks like.

```
.text, #text, p{  
    color:#BCF482  
}
```

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 #BCF482 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCF482
}
```

Border

The CSS property to change the border of an element to Hex BCF482 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
#BCF482 }
```

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

```
.border{ border-color:#BCF482 }
```

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

Here you see how a box with a 4 pixel #BCF482 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCF482; -webkit-box-shadow:4px 4px  
4px 4px #BCF482; box-shadow:4px 4px 4px  
4px #BCF482 }
```

Background

The CSS property to change the background color of an element to Hex BCF482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCF482 }
```

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

```
.background{ background-color:#BCF482 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor