

Converting Colors

Hex(80CF14)

Have a look what the booklet for
Hex(80CF14) contains.

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Color

Hex(80CF14)

Conversions

Conversions Part 1

Format	Color
Hex	80CF14
RGB	128, 207, 20
RGB Percent	50%, 81%, 8%
CMY	0.4980, 0.1882, 0.9216
CMYK	0.38, 0.00, 0.90, 0.19
HSL	85°, 82%, 45%
HSV	85°, 90%, 81%
XYZ	31.3412, 49.2653, 8.5191
YIQ	162.0610, 12.9430, -74.9050

Conversions

Conversions Part 2

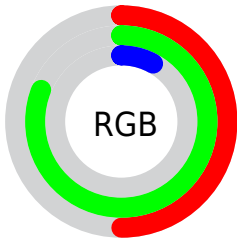
Format	Color
RYB	20, 207, 99
Decimal	8441620
CIELab	75.62, -49.47, 72.42
CIELCh	76, 87.699, 124.335
Yxy	49.2653, 0.3517, 0.5528
Android (android.graphics.Color)	4286631700 (0xFF80CF14)
YUV	162.0610, -70.0361, -29.8715
Hunter-Lab	70.1893, -43.1268, 41.9362

Details

The Hex color **80CF14** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **6314CF**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BBFF5A**, and **449800** is the 20% darker color. If you saturate the color by 10%, you get **78CF00**, and if you desaturate by 10%, it is **89CF29**.

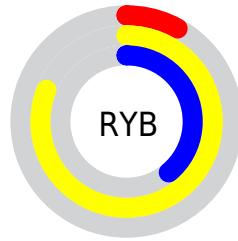
Distribution



Red (50%)

Green (81%)

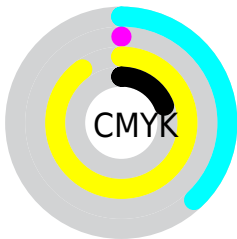
Blue (8%)



Red (8%)

Yellow (81%)

Blue (39%)

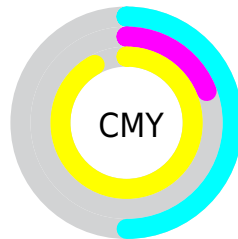


Cyan (38%)

Magenta (0%)

Yellow (90%)

Black (19%)



Cyan (50%)

Magenta (19%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80CF14 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 80CF14 by changing the saturation by 10% instead.



80CF14



80CF14

FFFFFF



63B300



BBFF5A



449800



D8FF76



227E00



F7FF93



006400



FFFFB0



004B00



FFFFCD



003400



FFFEEA



001C00



000000



80CF14



80CF14

 78CF00

 89CF29

 91CF3D

 9ACF52

 A3CF67

 ACCF7C

 B4CF90

 BDCFA5

 C6CFBA

 CFCFCE

Harmonies

Analogous

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



D4BB00



80CF14



00DA70

Triad

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



80CF14



00D5FF



FF60B2

Complementary

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



80CF14



6314CF

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.



FF76FF



80CF14



00C1FF

Square

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



80CF14



00DEFF



C89FFF



FF7564

Rectangle

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



80CF14



00DEA8



C89FFF



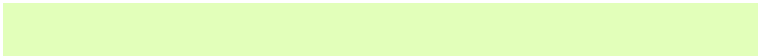
FF63CD

Sweetspot

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



80CF14



E2FFBA



CF6214



6E8057



000000



808080

Same Dimension

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



80CF14



93FF00



24CF14



64695E



61A800



182900

Inverse Universe

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



6314CF



6C00FF



BF14CF



635E69



4700A8



110029

Previews

White Background



This preview shows how the Hex color 80CF14 looks on a white background.

Color Contrast Check

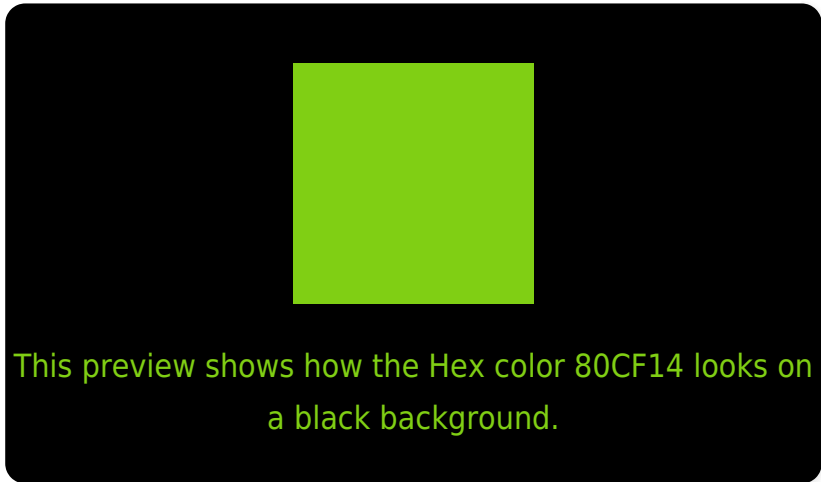
Large Text (above 18pt) WCAG AA × Fail

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 80CF14 Background



This preview shows how black text looks on a background with the Hex color 80CF14.

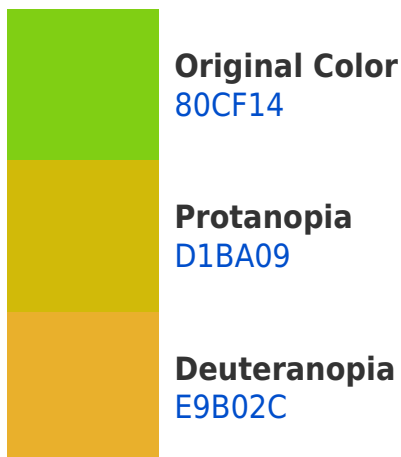


This preview shows how white text looks on a background with the Hex color 80CF14.

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
96C0D0

Trichromacy



Original Color
80CF14



Protanomaly
B4C20D



Deuteranomaly
C3BB23

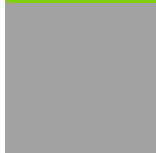


Tritanomaly
8EC58C

Monochromacy



Original Color
80CF14



Achromatopsia
A2A2A2



Achromatomaly
96B26E

CSS Examples

Text

The CSS property to change the color of the text to Hex 80CF14 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 #80CF14 looks like.

```
.text, #text, p{  
    color:#80CF14  
}
```

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 #80CF14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80CF14
}
```

Border

The CSS property to change the border of an element to Hex 80CF14 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
#80CF14 }
```

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

```
.border{ border-color:#80CF14 }
```

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

Here you see how a box with a 4 pixel #80CF14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80CF14; -webkit-box-shadow:4px 4px  
4px 4px #80CF14; box-shadow:4px 4px 4px  
4px #80CF14 }
```

Background

The CSS property to change the background color of an element to Hex 80CF14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80CF14 }
```

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

```
.background{ background-color:#80CF14 }
```

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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