

Converting Colors

Hex(80CB10)

Have a look what the booklet for
Hex(80CB10) contains.

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Color

Hex(80CB10)

Conversions

Conversions Part 1

Format	Color
Hex	80CB10
RGB	128, 203, 16
RGB Percent	50%, 80%, 6%
CMY	0.4980, 0.2039, 0.9373
CMYK	0.37, 0.00, 0.92, 0.20
HSL	84°, 85%, 43%
HSV	84°, 92%, 80%
XYZ	30.3515, 47.3385, 8.0278
YIQ	159.2570, 15.3270, -74.0570

Conversions

Conversions Part 2

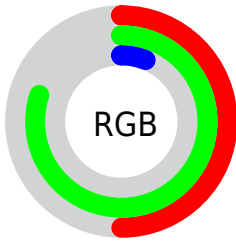
Format	Color
RYB	16, 203, 91
Decimal	8440592
CIELab	74.41, -47.92, 72.01
CIELCh	74, 86.497, 123.645
Yxy	47.3385, 0.3541, 0.5523
Android (android.graphics.Color)	4286630672 (0xFF80CB10)
YUV	159.2570, -70.6257, -27.4124
Hunter-Lab	68.8030, -41.6622, 41.2443

Details

The Hex color **80CB10** 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 **5B10CB**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BAFF57**, and **459400** is the 20% darker color. If you saturate the color by 10%, you get **7ACB00**, and if you desaturate by 10%, it is **88CB24**.

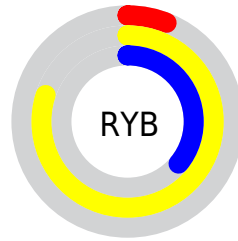
Distribution



Red (50%)

Green (80%)

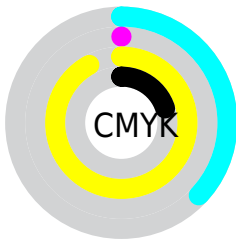
Blue (6%)



Red (6%)

Yellow (80%)

Blue (36%)

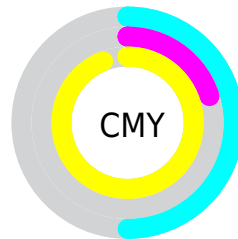


Cyan (37%)

Magenta (0%)

Yellow (92%)

Black (20%)



Cyan (50%)

Magenta (20%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80CB10 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 80CB10 by changing the saturation by 10% instead.

 80CB10

 80CB10

FFFFFF

 63AF00

 BAFF57

 459400

 D8FF74

 247A00

 F6FF91

 006000

 FFFFAD

 004800

 FFFFC A

 003100

 FFFF E8

 001800

 000000

 80CB10

 80CB10

 7ACB00

 88CB24

 90CB39

 98CB4D

 A1CB61

 A9CB76

 B1CB8A

 B9CB9E

 C1CBB2

 C9CBC7

Harmonies

Analogous

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



D2B700



80CB10



00D66C

Triad

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



80CB10



00D1FF



FF5EB1

Complementary

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



80CB10



5B10CB

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.



FF75FF



80CB10



00BEFF

Square

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



80CB10



00DAFF



C19DFE



FF3636

Rectangle

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



80CB10



00DAA3



C19DFF



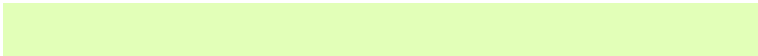
FF61CC

Sweetspot

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



80CB10



E2FFB8



CB5B10



6E8054



000000



808080

Same Dimension

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



80CB10



99FF00



23CB10



62665C



63A600



172600

Inverse Universe

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



5B10CB



6600FF



B810CB



605C66



4200A6



0F0026

Previews

White Background



This preview shows how the Hex color 80CB10 looks on a white background.

Color Contrast Check

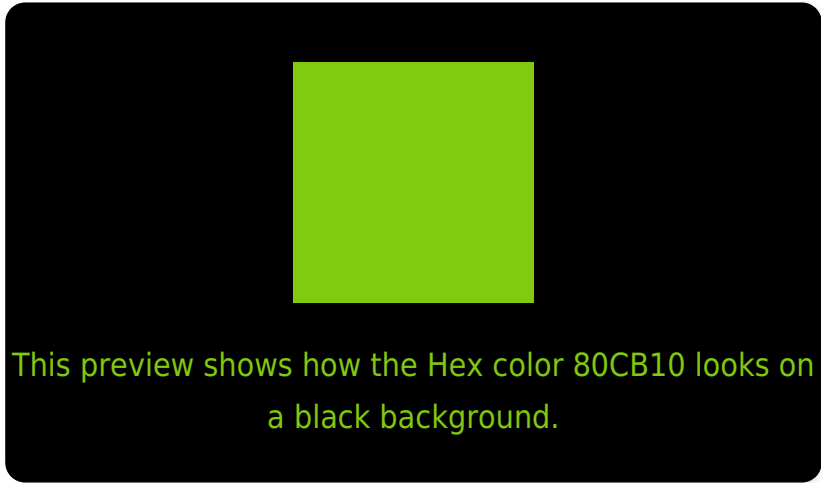
Large Text (above 18pt) WCAG AA × Fail

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 80CB10 Background



This preview shows how black text looks on a background with the Hex color 80CB10.

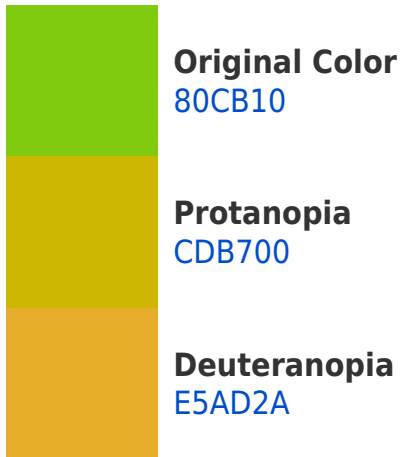


This preview shows how white text looks on a background with the Hex color 80CB10.

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



Trichromacy



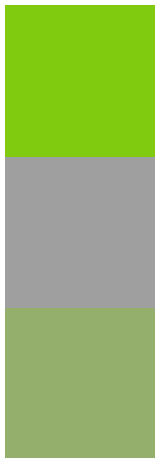
Original Color
80CB10

Protanomaly
B1BE06

Deuteranomaly
C0B821

Tritanomaly
8EC288

Monochromacy



Original Color
80CB10

Achromatopsia
9F9F9F

Achromatomaly
94AF6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 80CB10 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 #80CB10 looks like.

```
.text, #text, p{  
    color:#80CB10  
}
```

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 #80CB10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80CB10
}
```

Border

The CSS property to change the border of an element to Hex 80CB10 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
#80CB10 }
```

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

```
.border{ border-color:#80CB10 }
```

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

Here you see how a box with a 4 pixel #80CB10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80CB10; -webkit-box-shadow:4px 4px  
4px 4px #80CB10; box-shadow:4px 4px 4px  
4px #80CB10 }
```

Background

The CSS property to change the background color of an element to Hex 80CB10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80CB10 }
```

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

```
.background{ background-color:#80CB10 }
```

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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