

Converting Colors

Hex(80BB22)

Have a look what the booklet for
Hex(80BB22) contains.

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Color

Hex(80BB22)

Conversions

Conversions Part 1

Format	Color
Hex	80BB22
RGB	128, 187, 34
RGB Percent	50%, 73%, 13%
CMY	0.4980, 0.2667, 0.8667
CMYK	0.32, 0.00, 0.82, 0.27
HSL	83°, 69%, 43%
HSV	83°, 82%, 73%
XYZ	26.9611, 40.2453, 7.8605
YIQ	151.9170, 13.9490, -60.0910

Conversions

Conversions Part 2

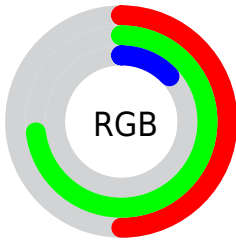
Format	Color
RYB	34, 187, 93
Decimal	8436514
CIELab	69.64, -40.63, 64.38
CIELCh	70, 76.132, 122.253
Yxy	40.2453, 0.3592, 0.5361
Android (android.graphics.Color)	4286626594 (0xFF80BB22)
YUV	151.9170, -58.1331, -20.9752
Hunter-Lab	63.4392, -35.1576, 37.0611

Details

The Hex color **80BB22** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **5D22BB**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B9F45E**, and **488500** is the 20% darker color. If you saturate the color by 10%, you get **79BB0F**, and if you desaturate by 10%, it is **87BB35**.

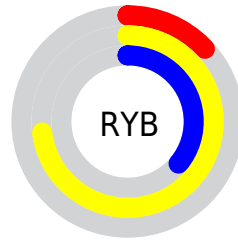
Distribution



Red (50%)

Green (73%)

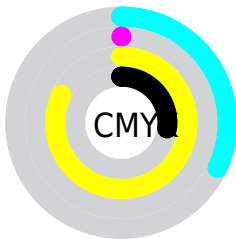
Blue (13%)



Red (13%)

Yellow (73%)

Blue (36%)

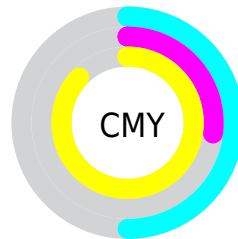


Cyan (32%)

Magenta (0%)

Yellow (82%)

Black (27%)



Cyan (50%)

Magenta (27%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80BB22 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 80BB22 by changing the saturation by 10% instead.

 80BB22

 80BB22

FFFFFF

 64A000

 B9F45E

 488500

 D6FF79

 2B6C00

 F4FF95

 005300

 FFFFB1

 003B00

 FFFFCE

 002700

 FFFFEB

 000000

 80BB22

 80BB22

 79BB0F

 87BB35

 73BB00

 8EBB47

 96BB5A

 9DBB6D

 A4BB7F

 ABBB92

 B2BBA5

 BABBB8

 C1BBCA

Harmonies

Analogous

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



C6A900



80BB22



00C566

Triad

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



80BB22



00C2FF



FF62A8

Complementary

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



80BB22



5D22BB

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.



FF75EC



80BB22



00B1FF

Square

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



80BB22



00C9F2



AF95FF



FF7065

Rectangle

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



80BB22



00C995



AF95FF



FF65BF

Sweetspot

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



80BB22



DBF2B6



BB5D22



6C7A56



FAFAFA



7A7A7A

Same Dimension

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



80BB22



97F205



34BB22



5B5E55



619E00



131F00

Inverse Universe

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



5D22BB



6005F2



A922BB



59555E



3D009E



0C001F

Previews

White Background



This preview shows how the Hex color 80BB22 looks on a white background.

Color Contrast Check

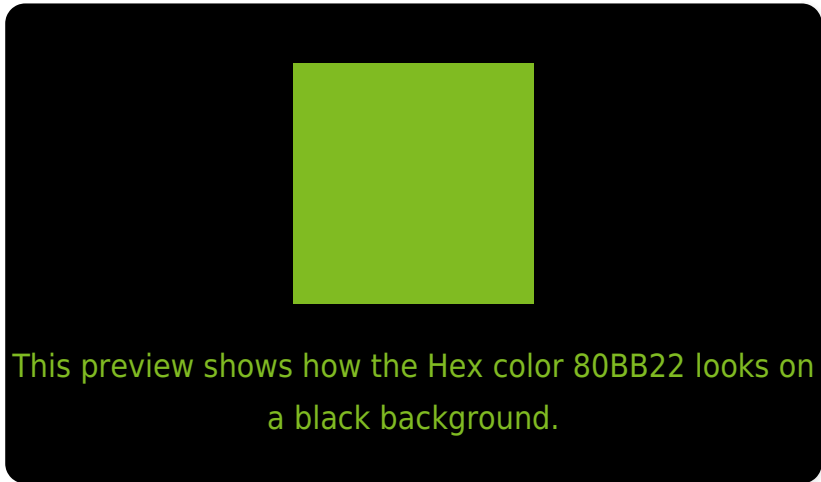
Large Text (above 18pt) WCAG AA × Fail

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 80BB22 Background



This preview shows how black text looks on a background with the Hex color 80BB22.

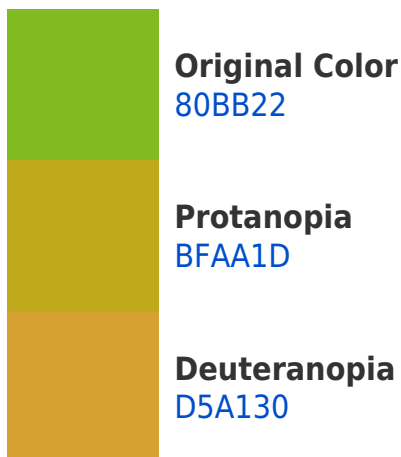


This preview shows how white text looks on a background with the Hex color 80BB22.

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](#).

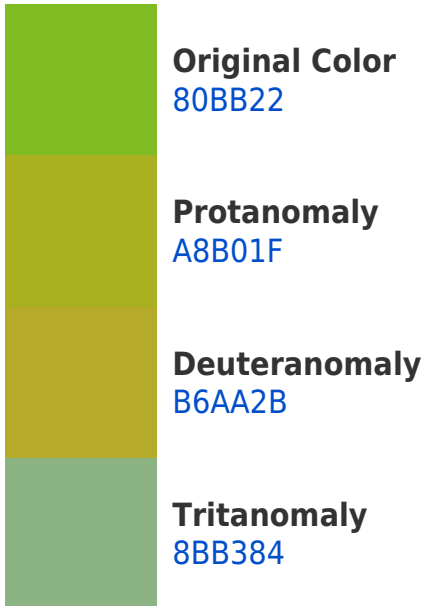
Dichromacy



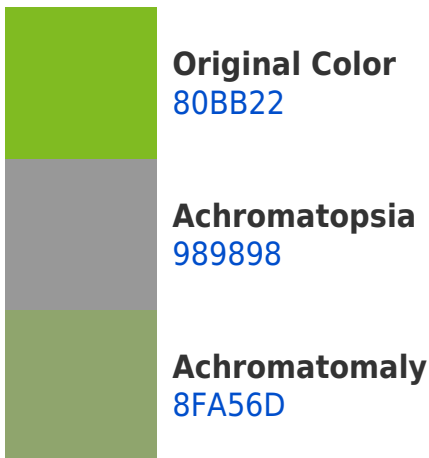


Tritanopia
92AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80BB22 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 #80BB22 looks like.

```
.text, #text, p{  
    color:#80BB22  
}
```

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 #80BB22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80BB22
}
```

Border

The CSS property to change the border of an element to Hex 80BB22 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
#80BB22 }
```

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

```
.border{ border-color:#80BB22 }
```

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

Here you see how a box with a 4 pixel #80BB22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80BB22; -webkit-box-shadow:4px 4px  
4px 4px #80BB22; box-shadow:4px 4px 4px  
4px #80BB22 }
```

Background

The CSS property to change the background color of an element to Hex 80BB22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80BB22 }
```

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

```
.background{ background-color:#80BB22 }
```

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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