

Converting Colors

Hex(80B046)

Have a look what the booklet for
Hex(80B046) contains.

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Color

Hex(80B046)

Conversions

Conversions Part 1

Format	Color
Hex	80B046
RGB	128, 176, 70
RGB Percent	50%, 69%, 27%
CMY	0.4980, 0.3098, 0.7255
CMYK	0.27, 0.00, 0.60, 0.31
HSL	87°, 43%, 48%
HSV	87°, 60%, 69%
XYZ	25.5329, 36.0821, 11.4132
YIQ	149.5640, 5.4180, -43.1420

Conversions

Conversions Part 2

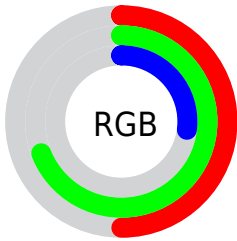
Format	Color
RYB	70, 176, 118
Decimal	8433734
CIELab	66.58, -33.34, 48.08
CIElCh	67, 58.511, 124.736
Yxy	36.0821, 0.3496, 0.4941
Android (android.graphics.Color)	4286623814 (0xFF80B046)
YUV	149.5640, -39.2251, -18.9116
Hunter-Lab	60.0683, -29.2456, 30.7826

Details

The Hex color **80B046** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7646B0**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B7E87A**, and **4B7B0E** is the 20% darker color. If you saturate the color by 10%, you get **78B034**, and if you desaturate by 10%, it is **88B058**.

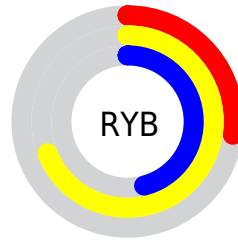
Distribution



Red (50%)

Green (69%)

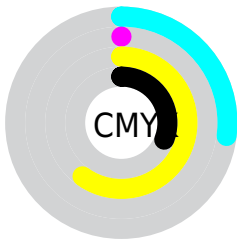
Blue (27%)



Red (27%)

Yellow (69%)

Blue (46%)

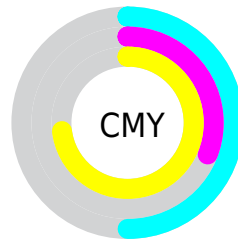


Cyan (27%)

Magenta (0%)

Yellow (60%)

Black (31%)



Cyan (50%)

Magenta (31%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B046 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 80B046 by changing the saturation by 10% instead.



80B046



80B046

FFFFFF



65952C



B7E87A



4B7B0E



D4FF95



306200



F1FFB0



154A00



FFFFCD



003300



FFFFE9



001F00



000000



80B046



80B046



78B034



88B058

 70B023

 90B069

 68B011

 98B07B

 60B000

 A0B08C

 A8B09E

 B0B0B0

 B8B0C1

 C0B0D3

 C8B0E4

Harmonies

Analogous

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



B7A231



80B046



28B873

Triad

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



80B046



00B3FF



FF729C

Complementary

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



80B046



7646B0

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.



E97BD0



80B046



42A5FF

Square

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



80B046



00BADC



AF91F9



FD7B69

Rectangle

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



80B046



00BB97



AF91F9



FC73AD

Sweetspot

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



80B046



D3E6BC



B07646



67735A



F2F2F2



737373

Same Dimension

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



80B046



9BE640



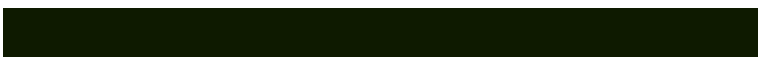
4BB046



555950



549900



0E1A00

Inverse Universe

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



7646B0



8B40E6



AB46B0



545059



450099



0C001A

Previews

White Background



This preview shows how the Hex color 80B046 looks on a white background.

Color Contrast Check

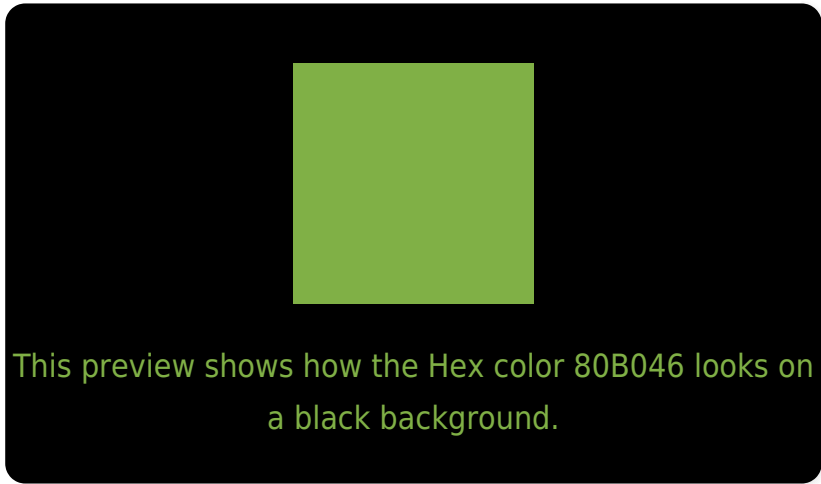
Large Text (above 18pt) WCAG AA × Fail

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 80B046 Background



This preview shows how black text looks on a background with the Hex color 80B046.



This preview shows how white text looks on a background with the Hex color 80B046.

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



Original Color
80B046

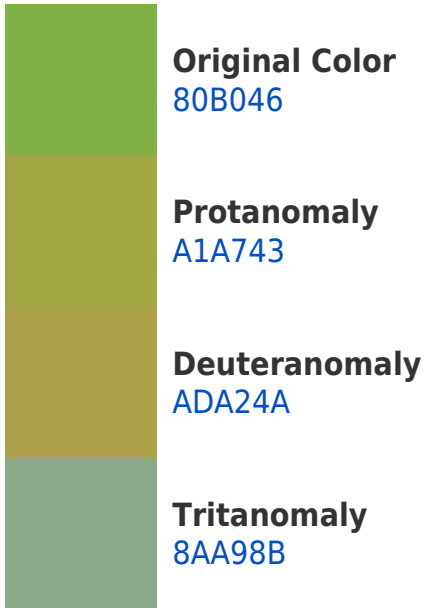
Protanopia
B4A242

Deuteranopia
C79A4D



Tritanopia
8FA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B046 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 #80B046 looks like.

```
.text, #text, p{  
    color:#80B046  
}
```

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 #80B046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B046
}
```

Border

The CSS property to change the border of an element to Hex 80B046 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
#80B046 }
```

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

```
.border{ border-color:#80B046 }
```

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

Here you see how a box with a 4 pixel #80B046 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B046; -webkit-box-shadow:4px 4px  
4px 4px #80B046; box-shadow:4px 4px 4px  
4px #80B046 }
```

Background

The CSS property to change the background color of an element to Hex 80B046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B046 }
```

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

```
.background{ background-color:#80B046 }
```

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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