

Converting Colors

Hex(80AB2C)

Have a look what the booklet for
Hex(80AB2C) contains.

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Color

Hex(80AB2C)

Conversions

Conversions Part 1

Format	Color
Hex	80AB2C
RGB	128, 171, 44
RGB Percent	50%, 67%, 17%
CMY	0.4980, 0.3294, 0.8275
CMYK	0.25, 0.00, 0.74, 0.33
HSL	80°, 59%, 42%
HSV	80°, 74%, 67%
XYZ	23.9196, 33.8969, 7.6649
YIQ	143.6650, 15.1390, -48.6130

Conversions

Conversions Part 2

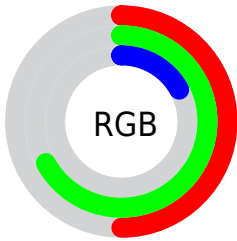
Format	Color
RYB	44, 171, 87
Decimal	8432428
CIELab	64.88, -32.95, 56.87
CIELCh	65, 65.723, 120.086
Yxy	33.8969, 0.3653, 0.5177
Android (android.graphics.Color)	4286622508 (0xFF80AB2C)
YUV	143.6650, -49.1348, -13.7382
Hunter-Lab	58.2210, -28.5515, 32.9490

Details

The Hex color **80AB2C** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **572CAB**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B8E363**, and **4A7600** is the 20% darker color. If you saturate the color by 10%, you get **7AAB1B**, and if you desaturate by 10%, it is **86AB3D**.

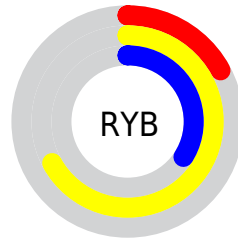
Distribution



Red (50%)

Green (67%)

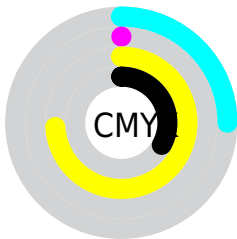
Blue (17%)



Red (17%)

Yellow (67%)

Blue (34%)

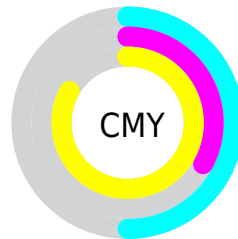


Cyan (25%)

Magenta (0%)

Yellow (74%)

Black (33%)



Cyan (50%)

Magenta (33%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80AB2C 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 80AB2C by changing the saturation by 10% instead.

 80AB2C

 80AB2C

FFFFFF

 659007

 B8E363

 4A7600

 D5FF7E

 2F5E00

 F2FF99

 104600

 FFFFB5

 002F00

 FFFFD1

 001A00

 FFFFEE

 000000

 80AB2C

 80AB2C

 7AAB1B

 86AB3D

 74AB0A

 8CAB4E

 71AB00

 91AB5F

 97AB70

 9DAB81

 A3AB93

 A9ABA4

 AEABB5

 B4ABC6

Harmonies

Analogous

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



BB9B13



80AB2C



16B560

Triad

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



80AB2C



00B2FF



FF64A0

Complementary

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



80AB2C



572CAB

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.



E474D9



80AB2C



00A4FF

Square

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



80AB2C



00B8D7



9C8EFF



FF6D66

Rectangle

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



80AB2C



00B887



9C8EFF



FE67B4

Sweetspot

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



80AB2C



CDDEAD



AB562C



667053



F0F0F0



707070

Same Dimension

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



80AB2C



9BDE18



41AB2C



54574E



649600



0F1700

Inverse Universe

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



572CAB



5B18DE



962CAB



514E57



330096



080017

Previews

White Background



This preview shows how the Hex color 80AB2C looks on a white background.

Color Contrast Check

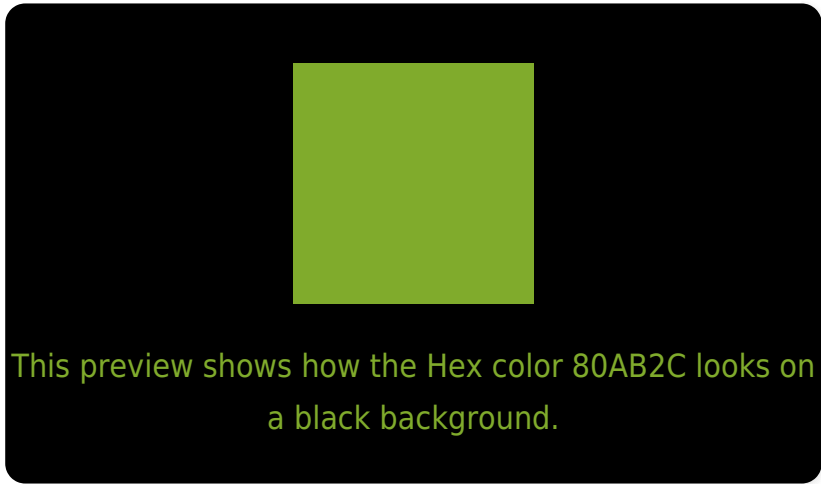
Large Text (above 18pt) WCAG AA × Fail

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 80AB2C Background



This preview shows how black text looks on a background with the Hex color 80AB2C.



This preview shows how white text looks on a background with the Hex color 80AB2C.

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](#).

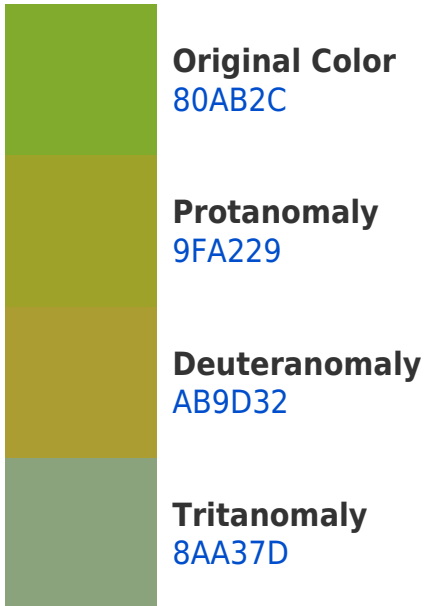
Dichromacy





Tritanopia
8F9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80AB2C 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 #80AB2C looks like.

```
.text, #text, p{  
    color:#80AB2C  
}
```

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 #80AB2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80AB2C
}
```

Border

The CSS property to change the border of an element to Hex 80AB2C 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
#80AB2C }
```

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

```
.border{ border-color:#80AB2C }
```

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

Here you see how a box with a 4 pixel #80AB2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80AB2C; -webkit-box-shadow:4px 4px  
4px 4px #80AB2C; box-shadow:4px 4px 4px  
4px #80AB2C }
```

Background

The CSS property to change the background color of an element to Hex 80AB2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80AB2C }
```

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

```
.background{ background-color:#80AB2C }
```

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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