

Converting Colors

Hex(80B22D)

Have a look what the booklet for
Hex(80B22D) contains.

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Color

Hex(80B22D)

Conversions

Conversions Part 1

Format	Color
Hex	80B22D
RGB	128, 178, 45
RGB Percent	50%, 70%, 18%
CMY	0.4980, 0.3020, 0.8235
CMYK	0.28, 0.00, 0.75, 0.30
HSL	83°, 60%, 44%
HSV	83°, 75%, 70%
XYZ	25.2961, 36.6194, 8.2176
YIQ	147.8880, 12.8930, -51.9630

Conversions

Conversions Part 2

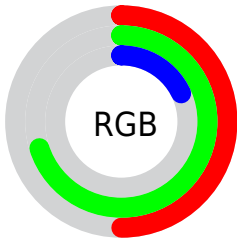
Format	Color
RYB	45, 178, 95
Decimal	8434221
CIELab	66.99, -36.10, 58.57
CIElCh	67, 68.799, 121.648
Yxy	36.6194, 0.3607, 0.5221
Android (android.graphics.Color)	4286624301 (0xFF80B22D)
YUV	147.8880, -50.7238, -17.4418
Hunter-Lab	60.5140, -31.2827, 34.3084

Details

The Hex color **80B22D** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5F2DB2**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B8EA64**, and **497D00** is the 20% darker color. If you saturate the color by 10%, you get **79B21B**, and if you desaturate by 10%, it is **87B23F**.

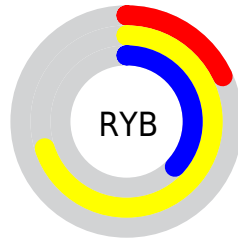
Distribution



Red (50%)

Green (70%)

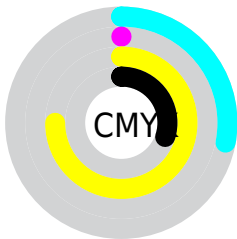
Blue (18%)



Red (18%)

Yellow (70%)

Blue (37%)

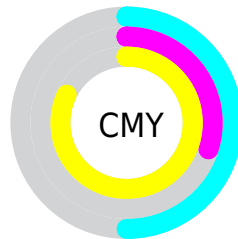


Cyan (28%)

Magenta (0%)

Yellow (75%)

Black (30%)



Cyan (50%)

Magenta (30%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B22D 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 80B22D by changing the saturation by 10% instead.

 80B22D

 80B22D

FFFFFF

 649707

 B8EA64

 497D00

 D5FF80

 2E6400


 F3FF9B

 0C4B00

 FFFFB7

 003400

 FFFFD4

 002000

 FFFFF1

 000000

 80B22D

 80B22D

 79B21B

 87B23F

 73B209

 8DB251

 6FB200

 94B262

 9BB274

 A1B286

 A8B298

 AFB2AA

 B6B2BB

 BCB2CD

Harmonies

Analogous

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



BFA10B



80B22D



00BC65

Triad

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



80B22D



00B8FF



FF65A2

Complementary

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



80B22D



5F2DB2

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.



F075DF



80B22D



00A9FF

Square

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



80B22D



00BFE2



A791FF



FF7066

Rectangle

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



80B22D



00BF8F



A791FF



FF68B7

Sweetspot

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



80B22D



D5E8B5



B25E2D



6A7557



F5F5F5



757575

Same Dimension

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



80B22D



9AE817



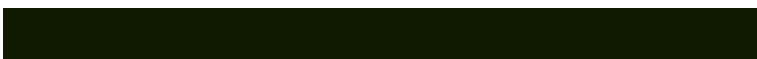
3FB22D



565950



5F9900



101A00

Inverse Universe

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



5F2DB2



6617E8



A02DB2



545059



3A0099



0A001A

Previews

White Background



This preview shows how the Hex color 80B22D looks on a white background.

Color Contrast Check

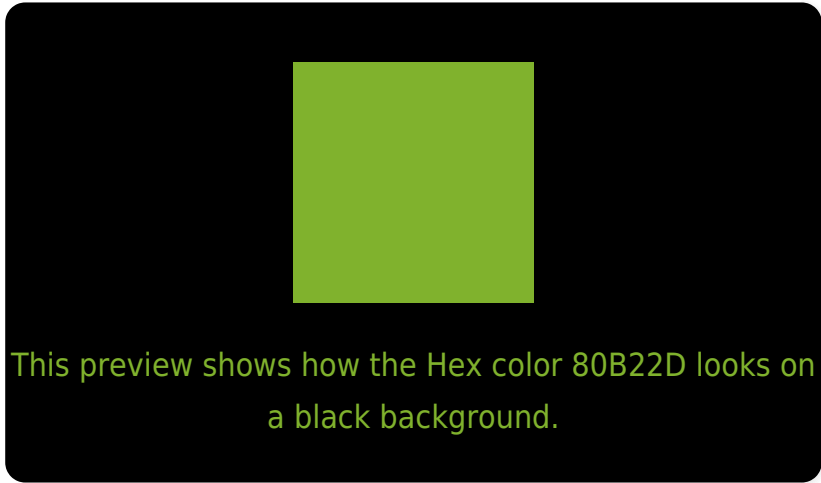
Large Text (above 18pt) WCAG AA × Fail

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 80B22D Background



This preview shows how black text looks on a background with the Hex color 80B22D.

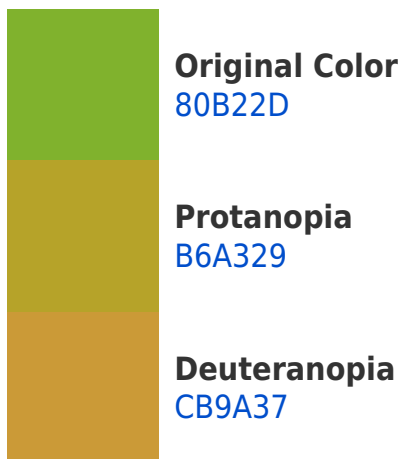


This preview shows how white text looks on a background with the Hex color 80B22D.

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](#).

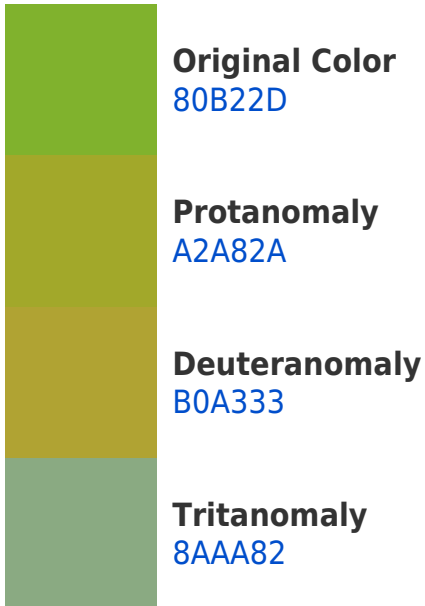
Dichromacy





Tritanopia
90A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B22D 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 #80B22D looks like.

```
.text, #text, p{  
    color:#80B22D  
}
```

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 #80B22D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B22D
}
```

Border

The CSS property to change the border of an element to Hex 80B22D 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
#80B22D }
```

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

```
.border{ border-color:#80B22D }
```

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

Here you see how a box with a 4 pixel #80B22D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B22D; -webkit-box-shadow:4px 4px  
4px 4px #80B22D; box-shadow:4px 4px 4px  
4px #80B22D }
```

Background

The CSS property to change the background color of an element to Hex 80B22D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B22D }
```

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

```
.background{ background-color:#80B22D }
```

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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