

Converting Colors

Hex(85B02D)

Have a look what the booklet for
Hex(85B02D) contains.

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Color

Hex(85B02D)

Conversions

Conversions Part 1

Format	Color
Hex	85B02D
RGB	133, 176, 45
RGB Percent	52%, 69%, 18%
CMY	0.4784, 0.3098, 0.8235
CMYK	0.24, 0.00, 0.74, 0.31
HSL	80°, 59%, 43%
HSV	80°, 74%, 69%
XYZ	25.6719, 36.2267, 8.1220
YIQ	148.2090, 16.4230, -49.8570

Conversions

Conversions Part 2

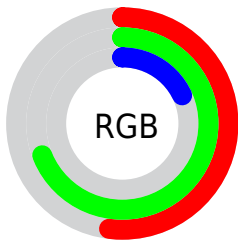
Format	Color
RYB	45, 176, 88
Decimal	8761389
CIELab	66.69, -33.23, 58.38
CIElCh	67, 67.178, 119.648
Yxy	36.2267, 0.3666, 0.5174
Android (android.graphics.Color)	4286951469 (0xFF85B02D)
YUV	148.2090, -50.8820, -13.3383
Hunter-Lab	60.1886, -29.1956, 34.1313

Details

The Hex color **85B02D** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **582DB0**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **BDE864**, and **4E7B00** is the 20% darker color. If you saturate the color by 10%, you get **7FB01B**, and if you desaturate by 10%, it is **8BB03F**.

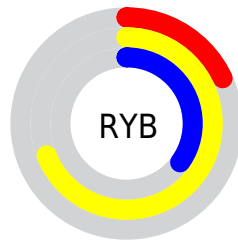
Distribution



Red (52%)

Green (69%)

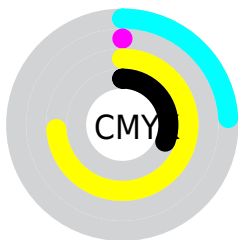
Blue (18%)



Red (18%)

Yellow (69%)

Blue (35%)

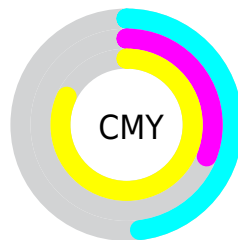


Cyan (24%)

Magenta (0%)

Yellow (74%)

Black (31%)



Cyan (48%)

Magenta (31%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85B02D 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 85B02D by changing the saturation by 10% instead.

 85B02D

 85B02D

FFFFFF

 6A9507

 BDE864

 4E7B00

 DAFF7F

 346200

 F8FF9B

 164A00

 FFFFB7

 003300

 FFFFD3

 001F00

 FFFFF0

 000000

 85B02D

 85B02D

 7FB01B

 8BB03F

■ 79B00A

■ 91B050

■ 76B000

■ 96B062

■ 9CB073

■ A2B085

■ A8B097

■ ADB0A8

■ B3B0BA

■ B9B0CB

Harmonies

Analogous

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



C19F14



85B02D



1BBA62

Triad

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



85B02D



00B8FF



FF67A6

Complementary

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



85B02D



582DB0

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.



EA78E0



85B02D



00A9FF

Square

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



85B02D



00BEDC



A092FF



FF706A

Rectangle

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



85B02D



00BD8B



A092FF



FF6ABA

Sweetspot

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



85B02D



D5E6B3



B0562D



697355



F2F2F2



737373

Same Dimension

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



85B02D



A2E619



45B02D



565950



679900



111A00

Inverse Universe

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



582DB0



5C19E6



982DB0



535059



320099



08001A

Previews

White Background



This preview shows how the Hex color 85B02D looks on a white background.

Color Contrast Check

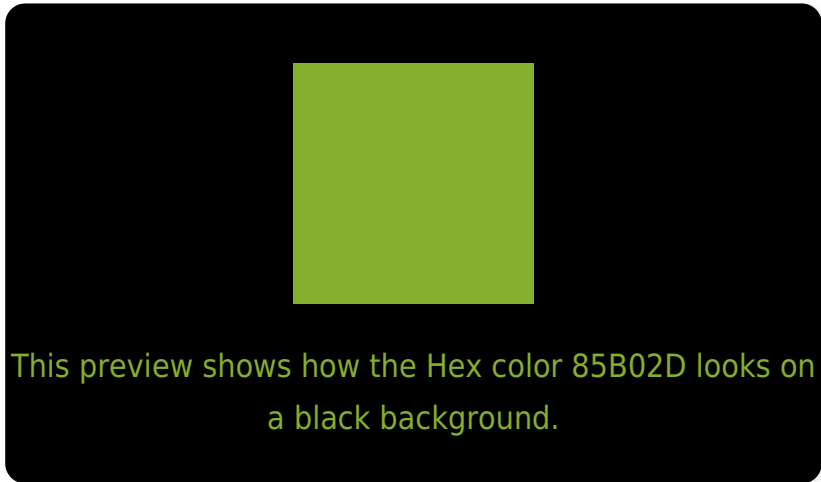
Large Text (above 18pt) WCAG AA × Fail

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 85B02D Background



This preview shows how black text looks on a background with the Hex color 85B02D.



This preview shows how white text looks on a background with the Hex color 85B02D.

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
85B02D

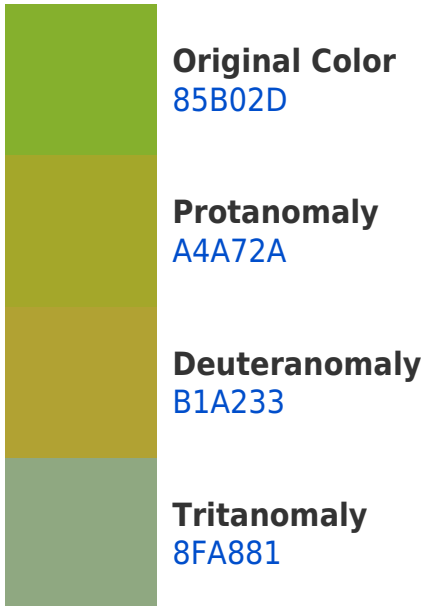
Protanopia
B6A229

Deuteranopia
CA9A36

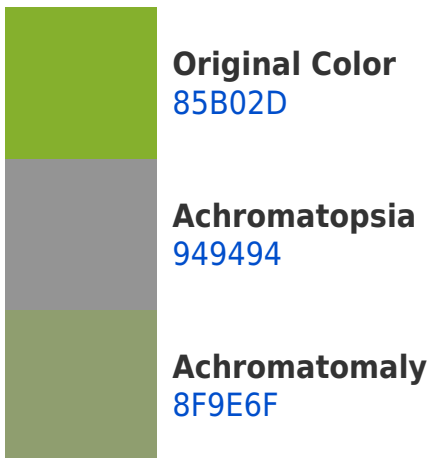


Tritanopia
94A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85B02D 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 #85B02D looks like.

```
.text, #text, p{  
    color:#85B02D  
}
```

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 #85B02D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85B02D
}
```

Border

The CSS property to change the border of an element to Hex 85B02D 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
#85B02D }
```

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

```
.border{ border-color:#85B02D }
```

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

Here you see how a box with a 4 pixel #85B02D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85B02D; -webkit-box-shadow:4px 4px  
4px 4px #85B02D; box-shadow:4px 4px 4px  
4px #85B02D }
```

Background

The CSS property to change the background color of an element to Hex 85B02D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85B02D }
```

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

```
.background{ background-color:#85B02D }
```

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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