

Converting Colors

Hex(68912B)

Have a look what the booklet for
Hex(68912B) contains.

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Color

Hex(68912B)

Conversions

Conversions Part 1

Format	Color
Hex	68912B
RGB	104, 145, 43
RGB Percent	41%, 57%, 17%
CMY	0.5922, 0.4314, 0.8314
CMYK	0.28, 0.00, 0.70, 0.43
HSL	84°, 54%, 37%
HSV	84°, 70%, 57%
XYZ	16.2704, 23.3683, 5.9385
YIQ	121.1130, 8.3060, -40.4140

Conversions

Conversions Part 2

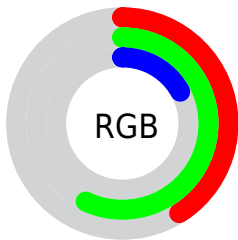
Format	Color
RYB	43, 145, 84
Decimal	6852907
CIELab	55.45, -30.35, 47.34
CIELCh	55, 56.235, 122.662
Yxy	23.3683, 0.3570, 0.5127
Android (android.graphics.Color)	4285042987 (0xFF68912B)
YUV	121.1130, -38.5097, -15.0081
Hunter-Lab	48.3407, -24.5174, 26.5550

Details

The Hex color **68912B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **542B91**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9EC75F**, and **345E00** is the 20% darker color. If you saturate the color by 10%, you get **62911D**, and if you desaturate by 10%, it is **6E913A**.

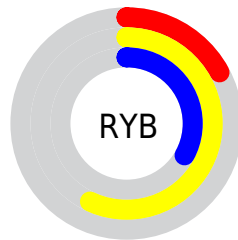
Distribution



Red (41%)

Green (57%)

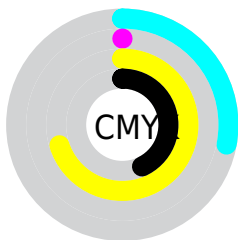
Blue (17%)



Red (17%)

Yellow (57%)

Blue (33%)

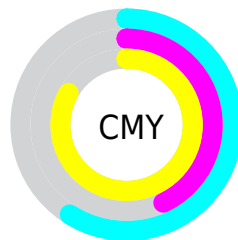


Cyan (28%)

Magenta (0%)

Yellow (70%)

Black (43%)



Cyan (59%)

Magenta (43%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68912B 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 68912B by changing the saturation by 10% instead.



68912B



68912B

FFFFFF



4E770D



9EC75F



345E00



BAE379



1A4600



D7FF94



002F00



F4FFAF



001C00



FFFFCB



000000



FFFFE8



68912B



68912B



62911D



6E913A

■ 5C910E

■ 749148

■ 579100

■ 799157

■ 7F9165

■ 859174

■ 8B9182

■ 919191

■ 97919F

■ 9C91AE

Harmonies

Analogous

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



9A8415



68912B



059956

Triad

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



68912B



0095DB



DB5682

Complementary

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



68912B



542B91

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.



C361B2



68912B



0089E6

Square

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



68912B



009BB8



8B76D7



D95E53

Rectangle

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



68912B



009B77



8B76D7



D75793

Sweetspot

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



68912B



ADBD95



91542B



555E47



DEDEDE



5E5E5E

Same Dimension

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



68912B



7DBD1E



35912B



454740



518700



050800

Inverse Universe

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



542B91



5E1EBD



872B91



434047



360087



030008

Previews

White Background



This preview shows how the Hex color 68912B looks on a white background.

Color Contrast Check

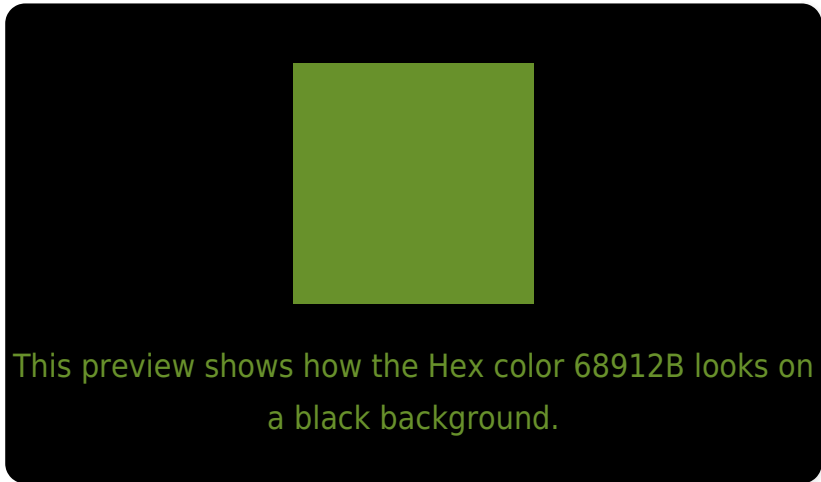
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 68912B Background



This preview shows how black text looks on a background with the Hex color 68912B.



This preview shows how white text looks on a background with the Hex color 68912B.

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
68912B

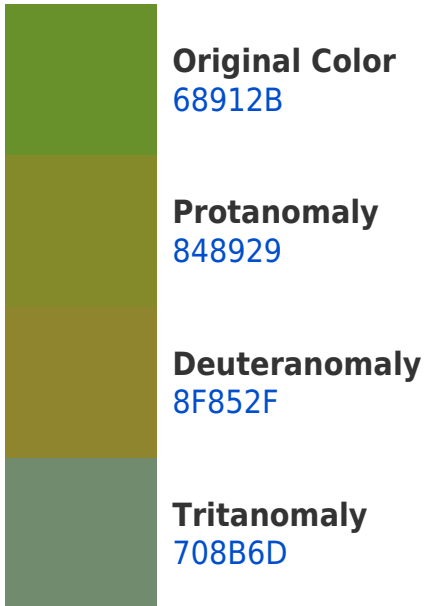
Protanopia
948528

Deuteranopia
A57E32

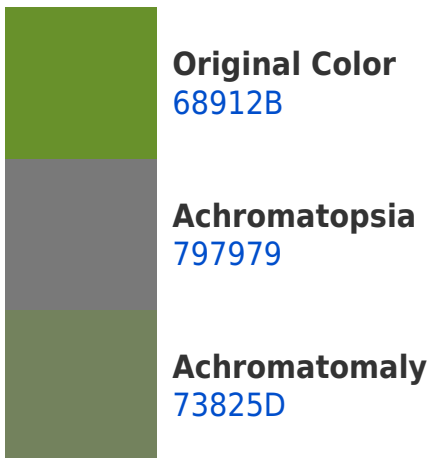


Tritanopia
758792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68912B 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 #68912B looks like.

```
.text, #text, p{  
    color:#68912B  
}
```

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 #68912B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68912B
}
```

Border

The CSS property to change the border of an element to Hex 68912B 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
#68912B }
```

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

```
.border{ border-color:#68912B }
```

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

Here you see how a box with a 4 pixel #68912B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68912B; -webkit-box-shadow:4px 4px  
4px 4px #68912B; box-shadow:4px 4px 4px  
4px #68912B }
```

Background

The CSS property to change the background color of an element to Hex 68912B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68912B }
```

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

```
.background{ background-color:#68912B }
```

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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