

Converting Colors

Hex(70B11B)

Have a look what the booklet for
Hex(70B11B) contains.

Hex(70B11B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(70B11B)

Conversions

Conversions Part 1

Format	Color
Hex	70B11B
RGB	112, 177, 27
RGB Percent	44%, 69%, 11%
CMY	0.5608, 0.3059, 0.8941
CMYK	0.37, 0.00, 0.85, 0.31
HSL	86°, 74%, 40%
HSV	86°, 85%, 69%
XYZ	22.6021, 34.9682, 6.5952
YIQ	140.4650, 9.4100, -60.4300

Conversions

Conversions Part 2

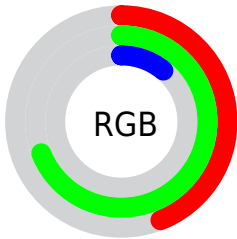
Format	Color
RYB	27, 177, 92
Decimal	7385371
CIELab	65.72, -42.49, 62.36
CIELCh	66, 75.457, 124.269
Yxy	34.9682, 0.3522, 0.5450
Android (android.graphics.Color)	4285575451 (0xFF70B11B)
YUV	140.4650, -55.9382, -24.9638
Hunter-Lab	59.1339, -35.2583, 34.7811

Details

The Hex color **70B11B** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5C1BB1**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A9E958**, and **377C00** is the 20% darker color. If you saturate the color by 10%, you get **68B109**, and if you desaturate by 10%, it is **78B12D**.

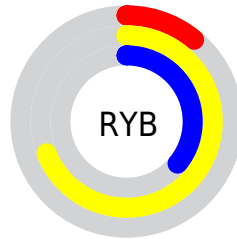
Distribution



Red (44%)

Green (69%)

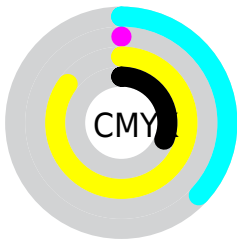
Blue (11%)



Red (11%)

Yellow (69%)

Blue (36%)

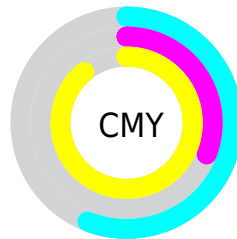


Cyan (37%)

Magenta (0%)

Yellow (85%)

Black (31%)



Cyan (56%)

Magenta (31%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70B11B 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 70B11B by changing the saturation by 10% instead.

 70B11B

 70B11B

FFFFFF

 549600

 A9E958

 377C00

 C6FF73

 176200

 E3FF8F

 004A00

 FFFFAB

 003200

 FFFFC7

 001C00

 FFFFE4

 000000

 70B11B

 70B11B

 68B109

 78B12D

■ 64B100

■ 7FB13E

■ 87B150

■ 8FB162

■ 96B173

■ 9EB185

■ A6B197

■ ADB1A9

■ B5B1BA

Harmonies

Analogous

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



B6A000



70B11B



00BA61

Triad

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



70B11B



00B6FF



FF5799

Complementary

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



70B11B



5C1BB1

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.



F868DC



70B11B



00A5FF

Square

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



70B11B



00BDEA



AB89FF



FF6757

Rectangle

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



70B11B



00BE90



AB89FF



FF59B0

Sweetspot

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



70B11B



CDE6AC



B15C1B



647350



F2F2F2



737373

Same Dimension

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



70B11B



82E600



25B11B



555950



579900



0E1A00

Inverse Universe

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



5C1BB1



6300E6



A71BB1



545059



420099



0B001A

Previews

White Background



This preview shows how the Hex color 70B11B looks on a white background.

Color Contrast Check

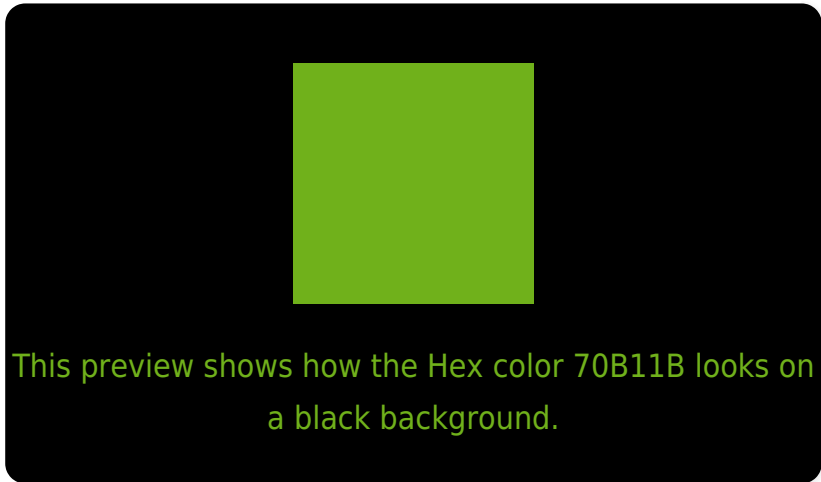
Large Text (above 18pt) WCAG AA × Fail

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 70B11B Background



This preview shows how black text looks on a background with the Hex color 70B11B.

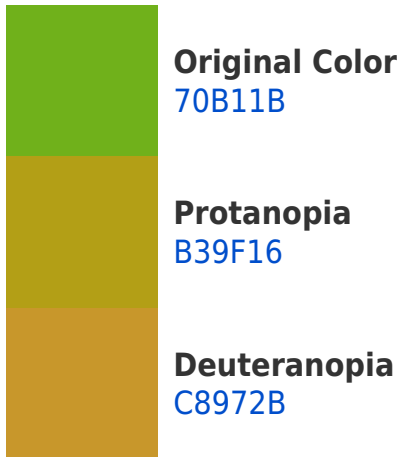


This preview shows how white text looks on a background with the Hex color 70B11B.

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](#).

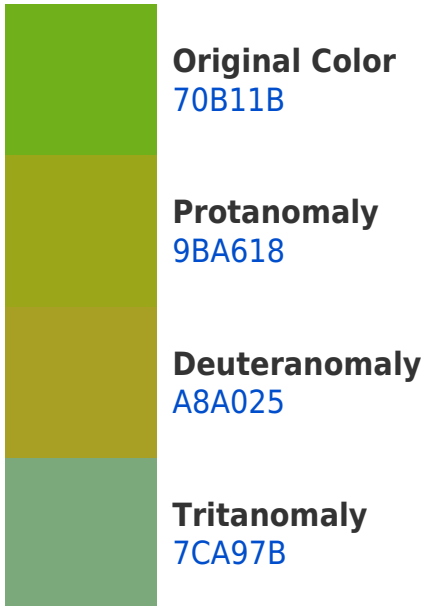
Dichromacy





Tritanopia
83A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70B11B 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 #70B11B looks like.

```
.text, #text, p{  
    color:#70B11B  
}
```

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 #70B11B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70B11B
}
```

Border

The CSS property to change the border of an element to Hex 70B11B 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
#70B11B }
```

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

```
.border{ border-color:#70B11B }
```

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

Here you see how a box with a 4 pixel #70B11B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70B11B; -webkit-box-shadow:4px 4px  
4px 4px #70B11B; box-shadow:4px 4px 4px  
4px #70B11B }
```

Background

The CSS property to change the background color of an element to Hex 70B11B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70B11B }
```

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

```
.background{ background-color:#70B11B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor