

Converting Colors

Hex(77B11B)

Have a look what the booklet for
Hex(77B11B) contains.

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Color

Hex(77B11B)

Conversions

Conversions Part 1

Format	Color
Hex	77B11B
RGB	119, 177, 27
RGB Percent	47%, 69%, 11%
CMY	0.5333, 0.3059, 0.8941
CMYK	0.33, 0.00, 0.85, 0.31
HSL	83°, 74%, 40%
HSV	83°, 85%, 69%
XYZ	23.5277, 35.4454, 6.6385
YIQ	142.5580, 13.5820, -58.9460

Conversions

Conversions Part 2

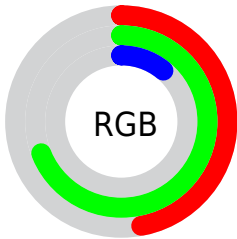
Format	Color
RYB	27, 177, 85
Decimal	7844123
CIELab	66.09, -39.91, 62.82
CIElCh	66, 74.430, 122.426
Yxy	35.4454, 0.3586, 0.5402
Android (android.graphics.Color)	4286034203 (0xFF77B11B)
YUV	142.5580, -56.9701, -20.6604
Hunter-Lab	59.5360, -33.6475, 35.0641

Details

The Hex color **77B11B** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **551BB1**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B0E958**, and **3F7C00** is the 20% darker color. If you saturate the color by 10%, you get **70B109**, and if you desaturate by 10%, it is **7EB12D**.

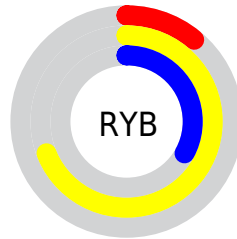
Distribution



Red (47%)

Green (69%)

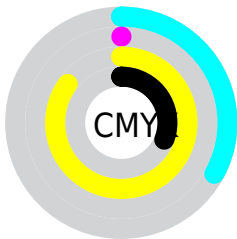
Blue (11%)



Red (11%)

Yellow (69%)

Blue (33%)

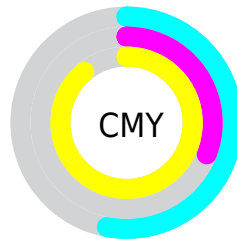


Cyan (33%)

Magenta (0%)

Yellow (85%)

Black (31%)



Cyan (53%)

Magenta (31%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77B11B 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 77B11B by changing the saturation by 10% instead.

 77B11B

 77B11B

FFFFFF

 5B9600

 B0E958

 3F7C00

 CDFF73

 226300

 EAFF8F

 004A00

 FFFFAB

 003300

 FFFFC7

 001E00

 FFFF E5

 000000

 77B11B

 77B11B

 70B109

 7EB12D

 6DB100

 85B13E

 8CB150

 92B162

 99B173

 A0B185

 A7B197

 AEB1A9

 B5B1BA

Harmonies

Analogous

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



BB9F00



77B11B



00BB5F

Triad

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



77B11B



00B7FF



FF5A9E

Complementary

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



77B11B



551BB1

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.



F46CE0



77B11B



00A7FF

Square

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



77B11B



00BEE7



A68CFF



FF685D

Rectangle

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



77B11B



00BE8D



A68CFF



FF5DB5

Sweetspot

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



77B11B



CFE6AC



B1541B



657350



F2F2F2



737373

Same Dimension

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



77B11B



8DE600



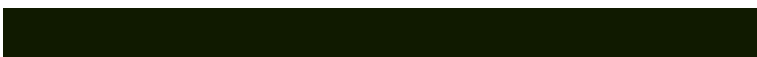
2CB11B



565950



5E9900



101A00

Inverse Universe

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



551BB1



5900E6



9F1BB1



545059



3B0099



0A001A

Previews

White Background



This preview shows how the Hex color 77B11B looks on a white background.

Color Contrast Check

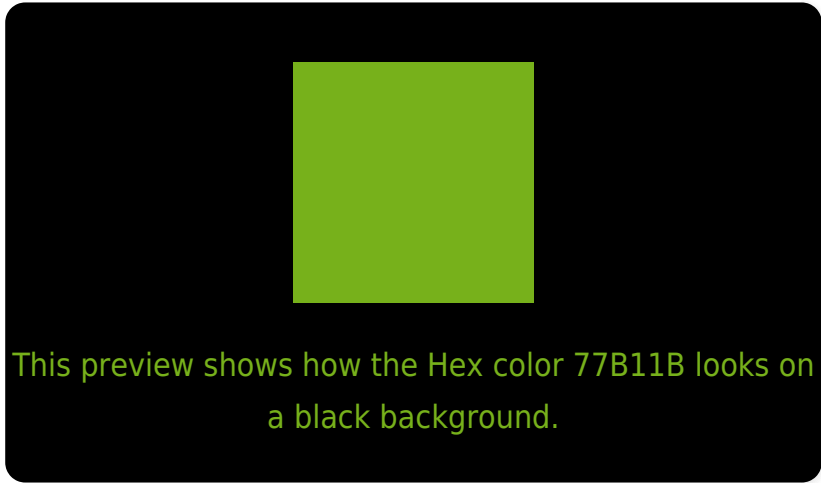
Large Text (above 18pt) WCAG AA × Fail

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 77B11B Background



This preview shows how black text looks on a background with the Hex color 77B11B.

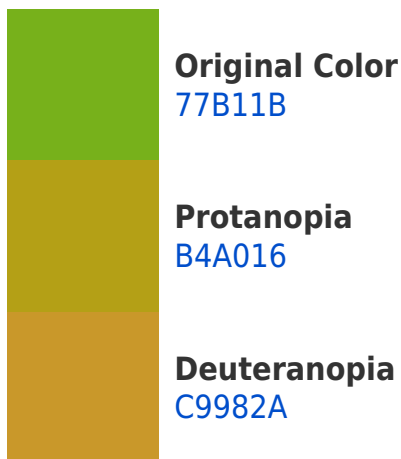


This preview shows how white text looks on a background with the Hex color 77B11B.

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](#).

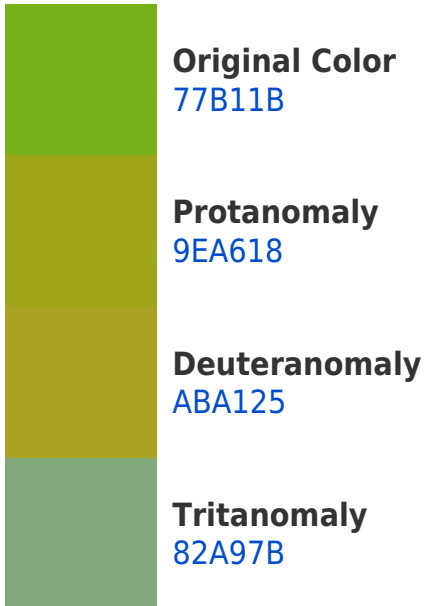
Dichromacy



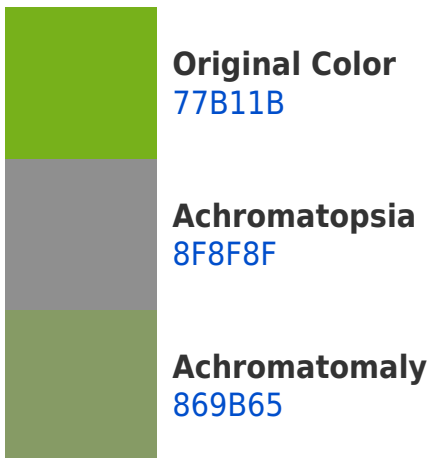


Tritanopia
89A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77B11B 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 #77B11B looks like.

```
.text, #text, p{  
    color:#77B11B  
}
```

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 #77B11B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B11B
}
```

Border

The CSS property to change the border of an element to Hex 77B11B 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
#77B11B }
```

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

```
.border{ border-color:#77B11B }
```

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

Here you see how a box with a 4 pixel #77B11B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B11B; -webkit-box-shadow:4px 4px  
4px 4px #77B11B; box-shadow:4px 4px 4px  
4px #77B11B }
```

Background

The CSS property to change the background color of an element to Hex 77B11B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B11B }
```

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

```
.background{ background-color:#77B11B }
```

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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