

Converting Colors

Hex(767B1B)

Have a look what the booklet for
Hex(767B1B) contains.

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Color

Hex(767B1B)

Conversions

Conversions Part 1

Format	Color
Hex	767B1B
RGB	118, 123, 27
RGB Percent	46%, 48%, 11%
CMY	0.5373, 0.5176, 0.8941
CMYK	0.04, 0.00, 0.78, 0.52
HSL	63°, 64%, 29%
HSV	63°, 78%, 48%
XYZ	14.7520, 18.0966, 3.7524
YIQ	110.5610, 27.8360, -30.9160

Conversions

Conversions Part 2

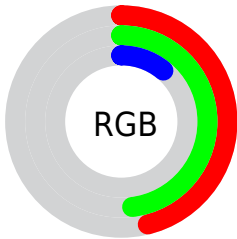
Format	Color
R_{YB}	27, 123, 32
Decimal	7764763
CIE _{Lab}	49.61, -14.11, 48.04
CIE _{LCh}	50, 50.071, 106.369
Yxy	18.0966, 0.4030, 0.4944
Android (android.graphics.Color)	4285954843 (0xFF767B1B)
YUV	110.5610, -41.1956, 6.5240
Hunter-Lab	42.5401, -12.5452, 24.5482

Details

The Hex color **767B1B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **201B7B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **ADAF4F**, and **424A00** is the 20% darker color. If you saturate the color by 10%, you get **757B0F**, and if you desaturate by 10%, it is **777B27**.

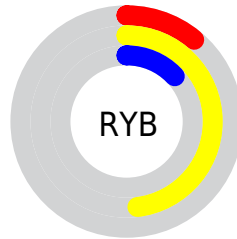
Distribution



Red (46%)

Green (48%)

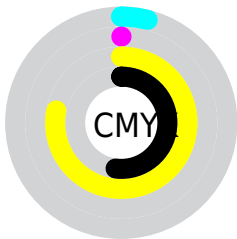
Blue (11%)



Red (11%)

Yellow (48%)

Blue (13%)

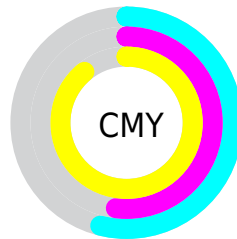


Cyan (4%)

Magenta (0%)

Yellow (78%)

Black (52%)



Cyan (54%)

Magenta (52%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 767B1B 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 767B1B by changing the saturation by 10% instead.



767B1B



767B1B

FFFFFF



5C6200



ADAF4F



424A00



C9CB69



293400



E6E784



101F00



FFFF9F



000000



FFFFBA



FFFFD6



FFFFF3



767B1B



767B1B

■ 757B0F

■ 777B27

■ 757B02

■ 777B34

■ 757B00

■ 787B40

■ 797B4C

■ 797B59

■ 7A7B65

■ 7A7B71

■ 7B7B7D

■ 7C7B8A

Harmonies

Analogous

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



9C6D1D



767B1B



448438

Triad

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



767B1B



0088B3



B9518B

Complementary

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



767B1B



201B7B

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.



9661B1



767B1B



0080C8

Square

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



767B1B



008A8D



5173C8



C34F60

Rectangle

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



767B1B



008852



5173C8



B05599

Sweetspot

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



767B1B



9FA17C



7B201B



50523B



D1D1D1



525252

Same Dimension

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



767B1B



99A10A



467B1B



3D3D37



767D00



EFFC00

Inverse Universe

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



201B7B



120AA1



501B7B



37373D



07007D



0D00FC

Previews

White Background



This preview shows how the Hex color 767B1B looks on a white 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

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 767B1B Background



This preview shows how black text looks on a background with the Hex color 767B1B.



This preview shows how white text looks on a background with the Hex color 767B1B.

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
767B1B

Protanopia
85761A

Deuteranopia
947020



Tritanopia
7E737C

Trichromacy



Original Color
767B1B

Protanomaly
80781A

Deuteranomaly
89741E

Tritanomaly
7B7659

Monochromacy



Original Color
767B1B

Achromatopsia
6F6F6F

Achromatomaly
727350

CSS Examples

Text

The CSS property to change the color of the text to Hex 767B1B 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 #767B1B looks like.

```
.text, #text, p{  
    color:#767B1B  
}
```

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 #767B1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767B1B
}
```

Border

The CSS property to change the border of an element to Hex 767B1B 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
#767B1B }
```

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

```
.border{ border-color:#767B1B }
```

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

Here you see how a box with a 4 pixel #767B1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767B1B; -webkit-box-shadow:4px 4px  
4px 4px #767B1B; box-shadow:4px 4px 4px  
4px #767B1B }
```

Background

The CSS property to change the background color of an element to Hex 767B1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767B1B }
```

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

```
.background{ background-color:#767B1B }
```

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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