

Converting Colors

Hex(67731B)

Have a look what the booklet for
Hex(67731B) contains.

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Color

Hex(67731B)

Conversions

Conversions Part 1

Format	Color
Hex	67731B
RGB	103, 115, 27
RGB Percent	40%, 45%, 11%
CMY	0.5961, 0.5490, 0.8941
CMYK	0.10, 0.00, 0.77, 0.55
HSL	68°, 62%, 28%
HSV	68°, 77%, 45%
XYZ	11.9221, 15.2242, 3.3471
YIQ	101.3800, 21.0960, -29.9120

Conversions

Conversions Part 2

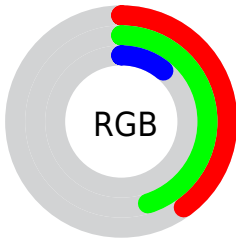
Format	Color
R_{YB}	27, 115, 39
Decimal	6779675
CIE Lab	45.94, -16.69, 44.14
CIE LCh	46, 47.192, 110.715
Yxy	15.2242, 0.3910, 0.4993
Android (android.graphics.Color)	4284969755 (0xFF67731B)
YUV	101.3800, -36.6693, 1.4207
Hunter-Lab	39.0182, -13.7407, 22.2266

Details

The Hex color **67731B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **271B73**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9DA74E**, and **354300** is the 20% darker color. If you saturate the color by 10%, you get **657310**, and if you desaturate by 10%, it is **697327**.

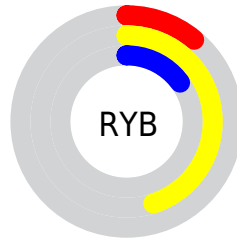
Distribution



Red (40%)

Green (45%)

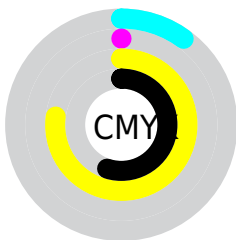
Blue (11%)



Red (11%)

Yellow (45%)

Blue (15%)

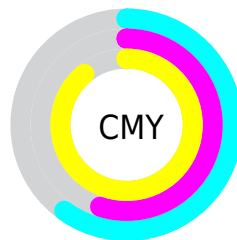


Cyan (10%)

Magenta (0%)

Yellow (77%)

Black (55%)



Cyan (60%)

Magenta (55%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67731B 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 67731B by changing the saturation by 10% instead.



67731B



67731B

FFFFFF



4D5A00



9DA74E



354300



B8C267



1C2D00



D5DE82



001A00



F2FA9C



000000



FFFFB8



FFFFD4



FFFFF1



67731B



67731B

■ 657310

■ 697327

■ 647304

■ 6A7332

■ 637300

■ 6C733E

■ 6D7349

■ 6F7355

■ 707360

■ 72736C

■ 747377

■ 757383

Harmonies

Analogous

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



8C6718



67731B



367B38

Triad

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



67731B



007DA9



AE497B

Complementary

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



67731B



271B73

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.



91569F



67731B



0075BB

Square

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



67731B



008088



5767B7



B44A53

Rectangle

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



67731B



007E51



5767B7



A74C88

Sweetspot

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



67731B



929674



73271B



4A4D37



CCCCCC



4D4D4D

Same Dimension

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



67731B



84960C



3B731B



3A3B35



6A7A00



D8FA00

Inverse Universe

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



271B73



1F0C96



531B73



36353B



11007A



2200FA

Previews

White Background



This preview shows how the Hex color 67731B 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

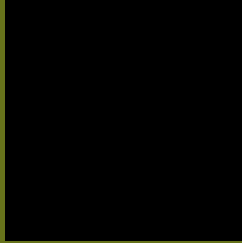
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 67731B Background



This preview shows how black text looks on a background with the Hex color 67731B.



This preview shows how white text looks on a background with the Hex color 67731B.

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
67731B

Protanopia
7A6D19

Deuteranopia
886720



Tritanopia
6F6B74

Trichromacy



Original Color
67731B

Protanomaly
736F1A

Deuteranomaly
7C6B1E

Tritanomaly
6C6E54

Monochromacy



Original Color
67731B

Achromatopsia
656565

Achromatomaly
666A4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 67731B 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 #67731B looks like.

```
.text, #text, p{  
    color:#67731B  
}
```

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 #67731B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67731B
}
```

Border

The CSS property to change the border of an element to Hex 67731B 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
#67731B }
```

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

```
.border{ border-color:#67731B }
```

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

Here you see how a box with a 4 pixel #67731B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67731B; -webkit-box-shadow:4px 4px  
4px 4px #67731B; box-shadow:4px 4px 4px  
4px #67731B }
```

Background

The CSS property to change the background color of an element to Hex 67731B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67731B }
```

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

```
.background{ background-color:#67731B }
```

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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