

Converting Colors

Hex(46731B)

Have a look what the booklet for
Hex(46731B) contains.

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Color

Hex(46731B)

Conversions

Conversions Part 1

Format	Color
Hex	46731B
RGB	70, 115, 27
RGB Percent	27%, 45%, 11%
CMY	0.7255, 0.5490, 0.8941
CMYK	0.39, 0.00, 0.77, 0.55
HSL	91°, 62%, 28%
HSV	91°, 77%, 45%
XYZ	8.8544, 13.6427, 3.2035
YIQ	91.5130, 1.4280, -36.9080

Conversions

Conversions Part 2

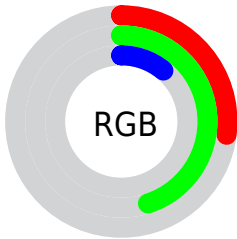
Format	Color
RYB	27, 115, 72
Decimal	4616987
CIELab	43.72, -30.74, 41.22
CIELCh	44, 51.415, 126.713
Yxy	13.6427, 0.3445, 0.5308
Android (android.graphics.Color)	4282807067 (0xFF46731B)
YUV	91.5130, -31.8049, -18.8669
Hunter-Lab	36.9360, -21.8478, 20.7129

Details

The Hex color **46731B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **481B73**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7AA74D**, and **134200** is the 20% darker color. If you saturate the color by 10%, you get **407310**, and if you desaturate by 10%, it is **4C7327**.

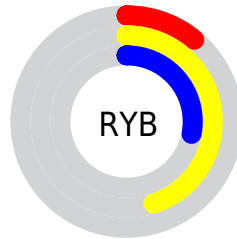
Distribution



Red (27%)

Green (45%)

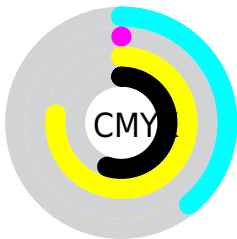
Blue (11%)



Red (11%)

Yellow (45%)

Blue (28%)

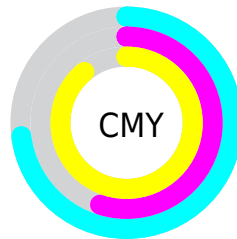


Cyan (39%)

Magenta (0%)

Yellow (77%)

Black (55%)



Cyan (73%)

Magenta (55%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46731B 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 46731B by changing the saturation by 10% instead.



46731B



46731B

FFFFFF



2C5A00



7AA74D



134200



95C367



002C00



B1DF81



001500



CDFB9B



000000



EAFB7



FFFFD3



FFFFF0



46731B



46731B

■ 407310

■ 4C7327

■ 3A7304

■ 527332

■ 387300

■ 58733E

■ 5E7349

■ 637355

■ 697360

■ 6F736C

■ 757377

■ 7B7383

Harmonies

Analogous

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



736800



46731B



007944

Triad

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



46731B



0075B6



B33C5F

Complementary

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



46731B



481B73

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.



A2448A



46731B



0069BC

Square

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



46731B



007A99



7558AC



AE4637

Rectangle

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



46731B



007B61



7558AC



B03C6E

Sweetspot

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



46731B



859674



73471B



424D37



CCCCCC



4D4D4D

Same Dimension

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



46731B



50960C



1B731B



383B35



3C7A00



7AFA00

Inverse Universe

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



481B73



530C96



731B73



38353B



3F007A



8000FA

Previews

White Background



This preview shows how the Hex color 46731B looks on a white background.

Color Contrast Check

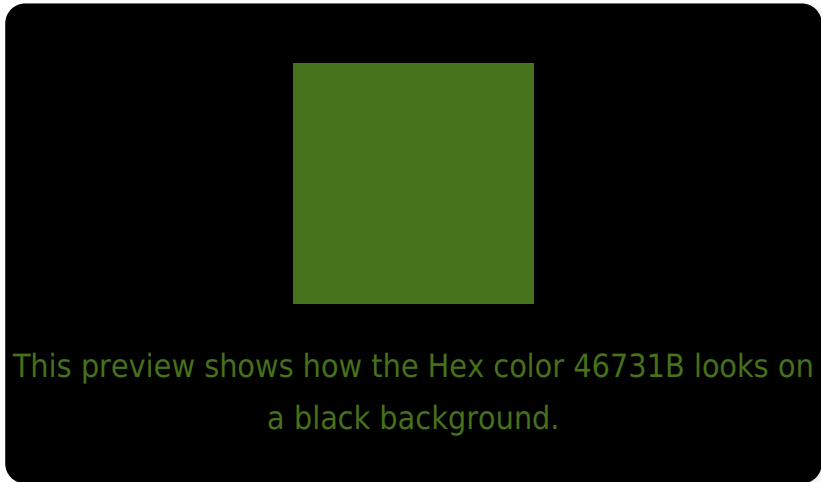
Large Text (above 18pt) WCAG AA ✓ Pass

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 46731B Background



This preview shows how black text looks on a background with the Hex color 46731B.



This preview shows how white text looks on a background with the Hex color 46731B.

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
46731B

Protanopia
746718

Deuteranopia
816223



Tritanopia
526B74

Trichromacy



Original Color
46731B

Protanomaly
636B19

Deuteranomaly
6C6820

Tritanomaly
4E6E54

Monochromacy



Original Color
46731B

Achromatopsia
5C5C5C

Achromatomaly
546444

CSS Examples

Text

The CSS property to change the color of the text to Hex 46731B 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 #46731B looks like.

```
.text, #text, p{  
    color:#46731B  
}
```

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 #46731B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46731B
}
```

Border

The CSS property to change the border of an element to Hex 46731B 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
#46731B }
```

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

```
.border{ border-color:#46731B }
```

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

Here you see how a box with a 4 pixel #46731B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46731B; -webkit-box-shadow:4px 4px  
4px 4px #46731B; box-shadow:4px 4px 4px  
4px #46731B }
```

Background

The CSS property to change the background color of an element to Hex 46731B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46731B }
```

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

```
.background{ background-color:#46731B }
```

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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