

Converting Colors

Hex(465B1B)

Have a look what the booklet for
Hex(465B1B) contains.

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Color

Hex(465B1B)

Conversions

Conversions Part 1

Format	Color
Hex	465B1B
RGB	70, 91, 27
RGB Percent	27%, 36%, 11%
CMY	0.7255, 0.6431, 0.8941
CMYK	0.23, 0.00, 0.70, 0.64
HSL	80°, 54%, 23%
HSV	80°, 70%, 36%
XYZ	6.4647, 8.8634, 2.4070
YIQ	77.4250, 8.0280, -24.3560

Conversions

Conversions Part 2

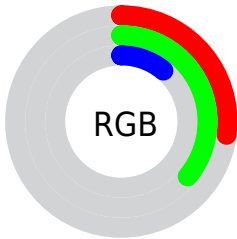
Format	Color
R_{YB}	27, 91, 48
Decimal	4610843
CIE _{Lab}	35.72, -18.83, 33.04
CIE _{LCh}	36, 38.031, 119.681
Yxy	8.8634, 0.3645, 0.4998
Android (android.graphics.Color)	4282800923 (0xFF465B1B)
YUV	77.4250, -24.8595, -6.5117
Hunter-Lab	29.7715, -13.3398, 16.0465

Details

The Hex color **465B1B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **301B5B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **788D4A**, and **182D00** is the 20% darker color. If you saturate the color by 10%, you get **435B12**, and if you desaturate by 10%, it is **495B24**.

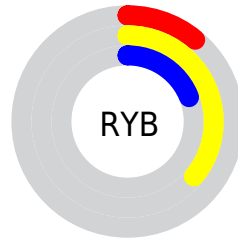
Distribution



Red (27%)

Green (36%)

Blue (11%)



Red (11%)

Yellow (36%)

Blue (19%)

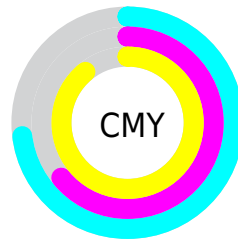


Cyan (23%)

Magenta (0%)

Yellow (70%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465B1B 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 465B1B by changing the saturation by 10% instead.



465B1B



465B1B

FFFFFF



2E4302



788D4A



182D00



93A863



001A00



AEC37D



000000



CADF97



E6FBB2



FFFFCE



FFFEEA



465B1B



465B1B

■ 435B12

■ 495B24

■ 405B09

■ 4C5B2D

■ 3D5B00

■ 4F5B36

■ 525B3F

■ 555B49

■ 585B52

■ 5B5B5B

■ 5E5B64

■ 615B6D

Harmonies

Analogous

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



645212



465B1B



196034

Triad

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



465B1B



005F88



8A3856

Complementary

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



465B1B



301B5B

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.



793F73



465B1B



005891

Square

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



465B1B



006271



544C89



8A3C38

Rectangle

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



465B1B



006248



544C89



863960

Sweetspot

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



465B1B



6D755D



5B2F1B



363B2C



BABABA



3B3B3B

Same Dimension

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



465B1B



557513



275B1B



2C2E29



4A6E00



9FED00

Inverse Universe

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



301B5B



331375



4F1B5B



2B292E



24006E



4E00ED

Previews

White Background



This preview shows how the Hex color 465B1B looks on a white background.

Color Contrast Check

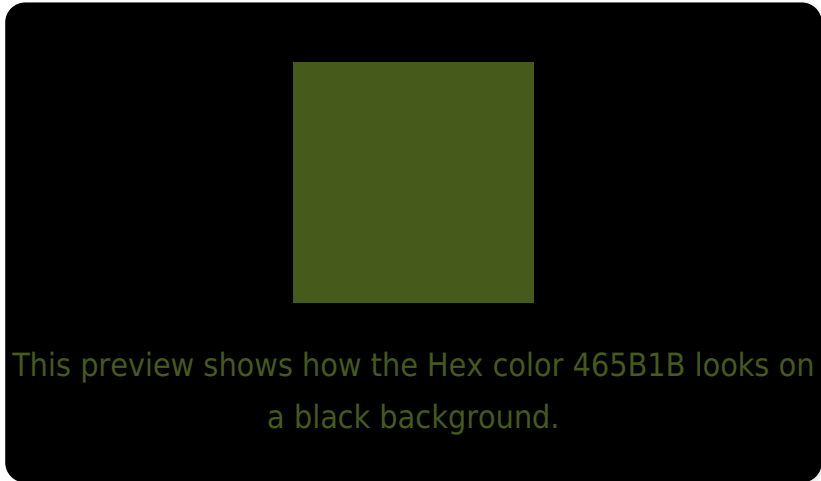
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

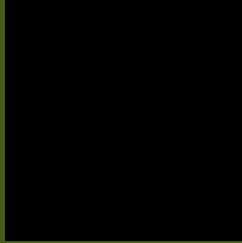
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 465B1B Background



This preview shows how black text looks on a background with the Hex color 465B1B.



This preview shows how white text looks on a background with the Hex color 465B1B.

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
465B1B

Protanopia
5E5419

Deuteranopia
69501F



Tritanopia
4E555C

Trichromacy



Original Color
465B1B

Protanomaly
55571A

Deuteranomaly
5C541E

Tritanomaly
4B5744

Monochromacy



Original Color
465B1B

Achromatopsia
4D4D4D

Achromatomaly
4A523B

CSS Examples

Text

The CSS property to change the color of the text to Hex 465B1B 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 #465B1B looks like.

```
.text, #text, p{  
    color:#465B1B  
}
```

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 #465B1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465B1B
}
```

Border

The CSS property to change the border of an element to Hex 465B1B 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
#465B1B }
```

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

```
.border{ border-color:#465B1B }
```

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

Here you see how a box with a 4 pixel #465B1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465B1B; -webkit-box-shadow:4px 4px  
4px 4px #465B1B; box-shadow:4px 4px 4px  
4px #465B1B }
```

Background

The CSS property to change the background color of an element to Hex 465B1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465B1B }
```

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

```
.background{ background-color:#465B1B }
```

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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