

# Converting Colors

Hex(465914)

Have a look what the booklet for  
Hex(465914) contains.

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**Color**

**Hex(465914)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	465914
RGB	70, 89, 20
RGB Percent	27%, 35%, 8%
CMY	0.7255, 0.6510, 0.9216
CMYK	0.21, 0.00, 0.78, 0.65
HSL	77°, 63%, 21%
HSV	77°, 78%, 35%
XYZ	6.2244, 8.4974, 1.9739
YIQ	75.4530, 10.8250, -25.4870

# Conversions

## Conversions Part 2

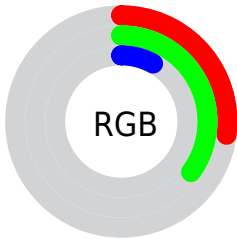
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 89, 39
Decimal	4610324
CIE Lab	35.00, -18.28, 35.39
CIE LCh	35, 39.831, 117.320
Yxy	8.4974, 0.3728, 0.5090
Android (android.graphics.Color)	4282800404 (0xFF465914)
YUV	75.4530, -27.3383, -4.7823
Hunter-Lab	29.1502, -12.8979, 16.3903

# Details

The Hex color **465914** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **271459**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **798B44**, and **172B00** is the 20% darker color. If you saturate the color by 10%, you get **44590B**, and if you desaturate by 10%, it is **48591D**.

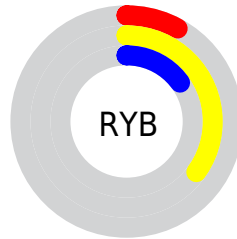
# Distribution



Red (27%)

Green (35%)

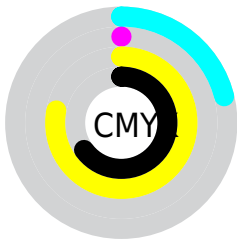
Blue (8%)



Red (8%)

Yellow (35%)

Blue (15%)

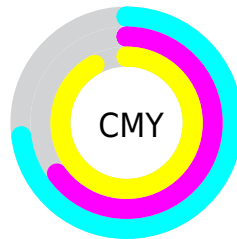


Cyan (21%)

Magenta (0%)

Yellow (78%)

Black (65%)



Cyan (73%)

Magenta (65%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 465914 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 465914 by changing the saturation by 10% instead.





465914



465914

FFFFFF



2E4200



798B44



172B00



93A55D



001900



AEC176



000000



CADC90



E7F9AB



FFFFC7



FFFFE3



465914



465914

■ 44590B

■ 48591D

■ 415902

■ 4B5926

■ 405900

■ 4D592F

■ 505938

■ 525941

■ 555949

■ 575952

■ 5A595B

■ 5C5964

# Harmonies

## Analogous

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



65500B



465914



175F2E

# Triad

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



465914



005E87



893457

# Complementary

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



465914



271459

# 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.



763D75



465914



005792

# Square

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



465914



00616F



4D4B8B



8A3737

# Rectangle

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



465914



006143



4D4B8B



853661



# Sweetspot

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



465914



6B7358



592614



363B2A



BABABA



3B3B3B



# Same Dimension

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



465914



557308



245914



2A2B27



4E6B00



AAEB00



# Inverse Universe

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



271459



250873



491459



28272B



1D006B

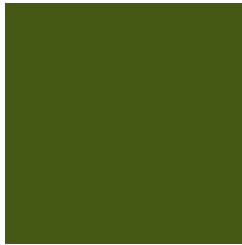


4100EB



# Previews

## White Background



This preview shows how the Hex color 465914 looks on a white background.

## Color Contrast Check

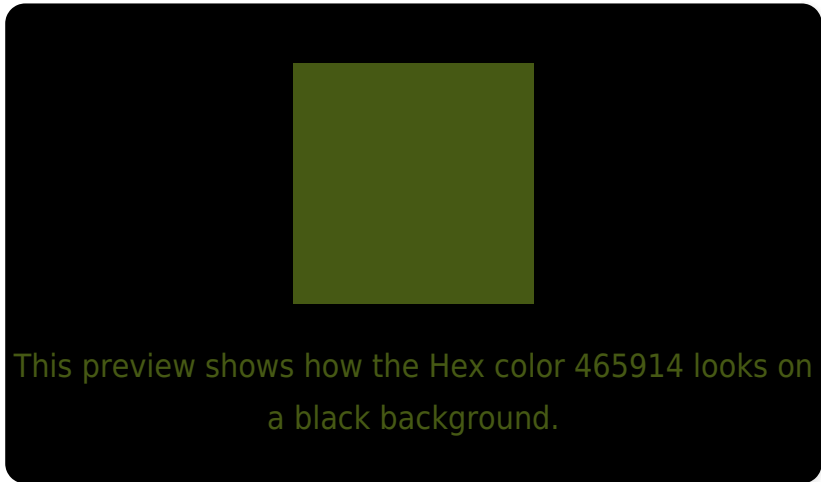
Large Text (above 18pt) WCAG AA ✓ Pass

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

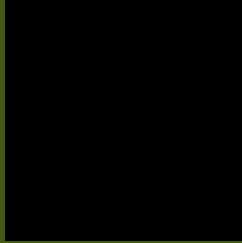
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 465914 Background



This preview shows how black text looks on a background with the Hex color 465914.



This preview shows how white text looks on a background with the Hex color 465914.

# 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**  
465914

**Protanopia**  
5C5212

**Deuteranopia**  
674E19



**Tritanopia**  
4D535A

# Trichromacy



**Original Color**  
465914

**Protanomaly**  
545513

**Deuteranomaly**  
5B5217

**Tritanomaly**  
4A5541

# Monochromacy



**Original Color**  
465914

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
495037

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 465914 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 #465914 looks like.

```
.text, #text, p{  
    color:#465914  
}
```

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 #465914 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465914  
}
```

## Border

The CSS property to change the border of an element to Hex 465914 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  
#465914 }
```

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

```
.border{ border-color:#465914 }
```

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

Here you see how a box with a 4 pixel #465914 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465914; -webkit-box-shadow:4px 4px  
4px 4px #465914; box-shadow:4px 4px 4px  
4px #465914 }
```

# Background

The CSS property to change the background color of an element to Hex 465914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465914 }
```

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

```
.background{ background-color:#465914 }
```

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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