

# Converting Colors

Hex(45561B)

Have a look what the booklet for  
Hex(45561B) contains.

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**Color**

**Hex(45561B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	45561B
RGB	69, 86, 27
RGB Percent	27%, 34%, 11%
CMY	0.7294, 0.6627, 0.8941
CMYK	0.20, 0.00, 0.69, 0.66
HSL	77°, 52%, 22%
HSV	77°, 69%, 34%
XYZ	5.9799, 7.9999, 2.2659
YIQ	74.1910, 8.8070, -21.9530

# Conversions

## Conversions Part 2

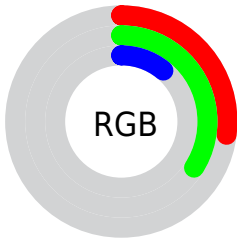
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 86, 44
Decimal	4544027
CIE Lab	33.98, -16.58, 31.17
CIE LCh	34, 35.301, 118.012
Yxy	7.9999, 0.3681, 0.4924
Android (android.graphics.Color)	4282734107 (0xFF45561B)
YUV	74.1910, -23.2652, -4.5525
Hunter-Lab	28.2841, -11.7586, 15.0491

# Details

The Hex color **45561B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2C1B56**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **77884A**, and **172900** is the 20% darker color. If you saturate the color by 10%, you get **435612**, and if you desaturate by 10%, it is **475624**.

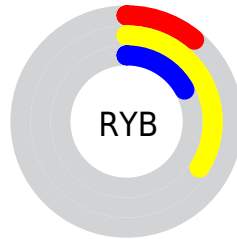
# Distribution



Red (27%)

Green (34%)

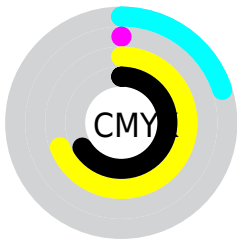
Blue (11%)



Red (11%)

Yellow (34%)

Blue (17%)

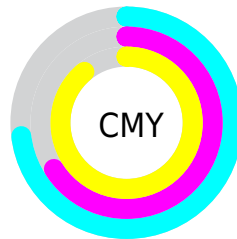


Cyan (20%)

Magenta (0%)

Yellow (69%)

Black (66%)



Cyan (73%)

Magenta (66%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 45561B 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 45561B by changing the saturation by 10% instead.





45561B



45561B

FFFFFF



2D3F03



77884A



172900



91A262



001600



ACBD7C



000000



C8D996



E4F5B1



FFFFCD



FFFFE9



45561B



45561B

■ 435612

■ 475624

■ 40560A

■ 4A562C

■ 3E5601

■ 4C5635

■ 3D5600

■ 4F563D

■ 515646

■ 54564F

■ 565657

■ 595660

■ 5B5668

# Harmonies

## Analogous

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



614E14



45561B



1F5B31

# Triad

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



45561B



005A7F



813753

# Complementary

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



45561B



2C1B56

# 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.



703E6E



45561B



005488

# Square

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



45561B



005D69



4D4982



823937

# Rectangle

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



45561B



005D43



4D4982



7D385C



# Sweetspot

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



45561B



697059



562C1B



34382A



B8B8B8



383838



# Same Dimension

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



45561B



567014



28561B



2A2B27



4C6B00



A7EB00



# Inverse Universe

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



2C1B56



2F1470



491B56



28272B



1F006B



4400EB



# Previews

## White Background



This preview shows how the Hex color 45561B looks on a white background.

## Color Contrast Check

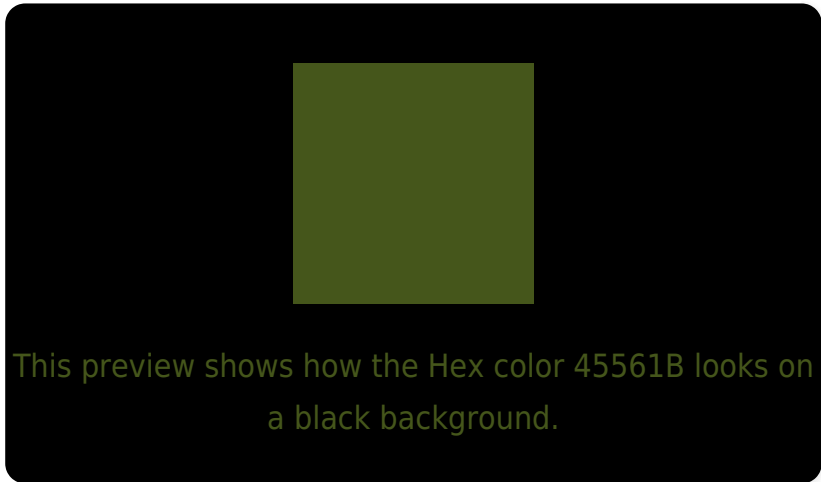
Large Text (above 18pt) WCAG AA ✓ Pass

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

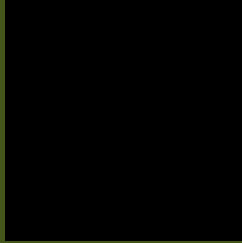
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

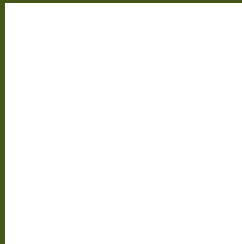
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 45561B Background



This preview shows how black text looks on a background with the Hex color 45561B.



This preview shows how white text looks on a background with the Hex color 45561B.

# 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**  
45561B

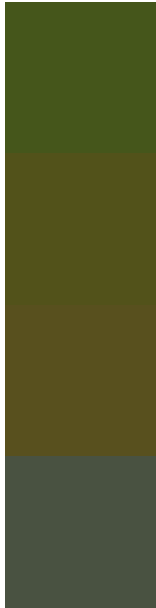
**Protanopia**  
595019

**Deuteranopia**  
634C1F



**Tritanopia**  
4C5057

# Trichromacy



**Original Color**  
45561B

**Protanomaly**  
52521A

**Deuteranomaly**  
58501E

**Tritanomaly**  
495241

# Monochromacy



**Original Color**  
45561B

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
484E39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 45561B 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 #45561B looks like.

```
.text, #text, p{  
    color:#45561B  
}
```

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 #45561B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45561B
}
```

## Border

The CSS property to change the border of an element to Hex 45561B 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
#45561B }
```

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

```
.border{ border-color:#45561B }
```

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

Here you see how a box with a 4 pixel #45561B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45561B; -webkit-box-shadow:4px 4px  
4px 4px #45561B; box-shadow:4px 4px 4px  
4px #45561B }
```

# Background

The CSS property to change the background color of an element to Hex 45561B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45561B }
```

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

```
.background{ background-color:#45561B }
```

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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