

Converting Colors

Hex(45461B)

Have a look what the booklet for
Hex(45461B) contains.

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Color

Hex(45461B)

Conversions

Conversions Part 1

Format	Color
Hex	45461B
RGB	69, 70, 27
RGB Percent	27%, 27%, 11%
CMY	0.7294, 0.7255, 0.8941
CMYK	0.01, 0.00, 0.61, 0.73
HSL	61°, 44%, 19%
HSV	61°, 61%, 27%
XYZ	4.8422, 5.7247, 1.8867
YIQ	64.7990, 13.2070, -13.5850

Conversions

Conversions Part 2

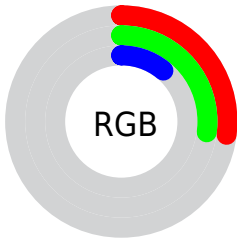
Format	Color
R_{YB}	27, 70, 28
Decimal	4539931
CIE Lab	28.71, -7.35, 25.33
CIE LCh	29, 26.371, 106.176
Yxy	5.7247, 0.3888, 0.4597
Android (android.graphics.Color)	4282730011 (0xFF45461B)
YUV	64.7990, -18.6349, 3.6843
Hunter-Lab	23.9263, -5.7459, 12.0732

Details

The Hex color **45461B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1C1B46**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **777648**, and **181B00** is the 20% darker color. If you saturate the color by 10%, you get **454614**, and if you desaturate by 10%, it is **454622**.

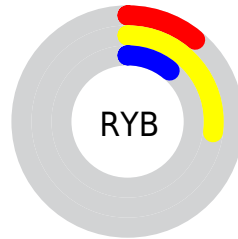
Distribution



Red (27%)

Green (27%)

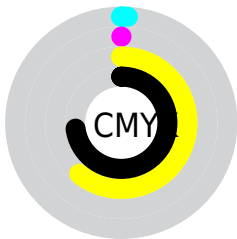
Blue (11%)



Red (11%)

Yellow (27%)

Blue (11%)

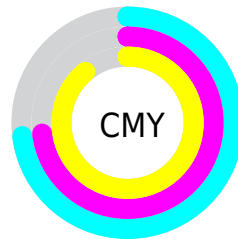


Cyan (1%)

Magenta (0%)

Yellow (61%)

Black (73%)



Cyan (73%)

Magenta (73%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45461B 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 45461B by changing the saturation by 10% instead.

 45461B

 45461B

FFFFFF

 2E3003

 777648

 181B00

 919060

 000000

 ACAA7A

 C7C594

 E4E1AE

 FFFECA

 FFFFEE6

 45461B

 45461B

■ 454614

■ 454622

■ 45460D

■ 454629

■ 454606

■ 454630

■ 444600

■ 464637

■ 46463E

■ 464645

■ 46464C

■ 464653

■ 46465A

Harmonies

Analogous

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



583F1B



45461B



2E4B26

Triad

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



45461B



004D61



65344E

Complementary

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



45461B



1C1B46

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.



533A60



45461B



00496B

Square

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



45461B



004E4E



36426B



6A3339

Rectangle

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



45461B



1A4D33



36426B



603555

Sweetspot

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



45461B



5B5C4B



461C1B



2E2E24



ADADAD



2E2E2E

Same Dimension

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



45461B



5A5C18



30461B



242420



616300



DEE300

Inverse Universe

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



1C1B46



19185C



311B46



202024



020063



0500E3

Previews

White Background



This preview shows how the Hex color 45461B looks on a white background.

Color Contrast Check

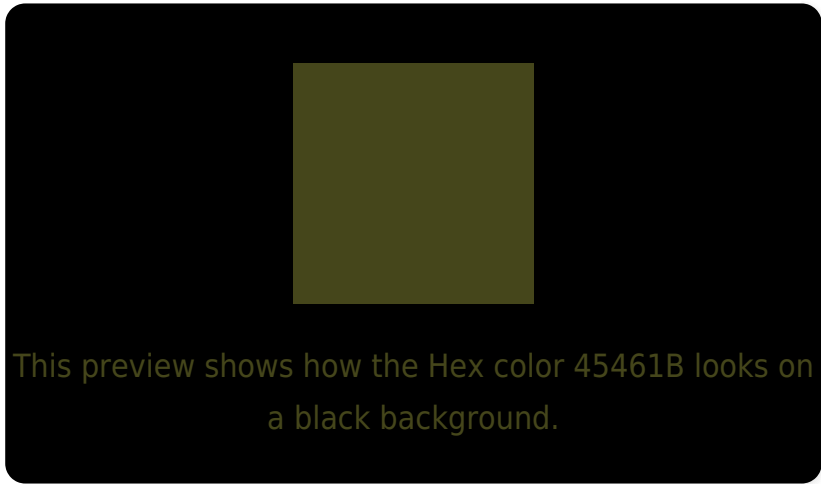
Large Text (above 18pt) WCAG AA ✓ Pass

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

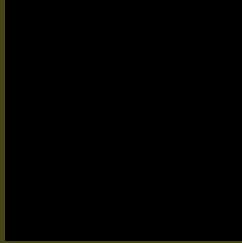
Any Text WCAG AA × Fail

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 45461B Background



This preview shows how black text looks on a background with the Hex color 45461B.



This preview shows how white text looks on a background with the Hex color 45461B.

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
45461B

Protanopia
4C441A

Deuteranopia
54401D



Tritanopia
494247

Trichromacy



Original Color
45461B

Protanomaly
49451A

Deuteranomaly
4F421C

Tritanomaly
484337

Monochromacy



Original Color
45461B

Achromatopsia
414141

Achromatomaly
424333

CSS Examples

Text

The CSS property to change the color of the text to Hex 45461B 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 #45461B looks like.

```
.text, #text, p{  
    color:#45461B  
}
```

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 #45461B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45461B
}
```

Border

The CSS property to change the border of an element to Hex 45461B 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".

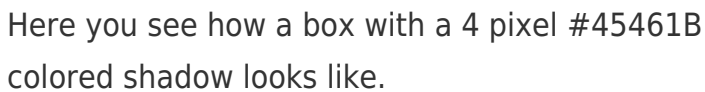
```
.border, #border, table{ border:4px solid
#45461B }
```

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

```
.border{ border-color:#45461B }
```

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

Here you see how a box with a 4 pixel #45461B colored shadow looks like.

A rectangular box with a dark olive green border and a matching shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #45461B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45461B; -webkit-box-shadow:4px 4px  
4px 4px #45461B; box-shadow:4px 4px 4px  
4px #45461B }
```

Background

The CSS property to change the background color of an element to Hex 45461B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45461B }
```

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

```
.background{ background-color:#45461B }
```

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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