

Converting Colors

Hex(46161B)

Have a look what the booklet for
Hex(46161B) contains.

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Color

Hex(46161B)

Conversions

Conversions Part 1

Format	Color
Hex	46161B
RGB	70, 22, 27
RGB Percent	27%, 9%, 11%
CMY	0.7255, 0.9137, 0.8941
CMYK	0.00, 0.69, 0.61, 0.73
HSL	354°, 52%, 18%
HSV	354°, 69%, 27%
XYZ	3.0105, 1.9550, 1.2556
YIQ	36.9220, 27.0030, 11.7310

Conversions

Conversions Part 2

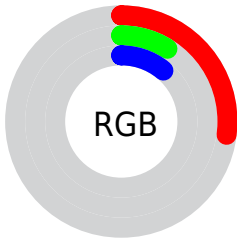
Format	Color
R_{YB}	70, 22, 27
Decimal	4593179
CIE Lab	15.25, 23.50, 8.69
CIE LCh	15, 25.059, 20.299
Yxy	1.9550, 0.4839, 0.3143
Android (android.graphics.Color)	4282783259 (0xFF46161B)
YUV	36.9220, -4.8915, 29.0094
Hunter-Lab	13.9823, 13.9639, 4.4634




Details

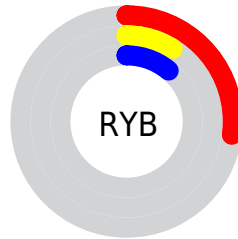
The Hex color **46161B** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **164641**, and the grayscale version is **252525**.




A 20% lighter version of the original color is **794446**, and **080000** is the 20% darker color. If you saturate the color by 10%, you get **460F15**, and if you desaturate by 10%, it is **461D21**.

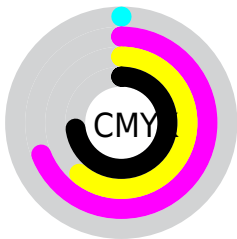
Distribution







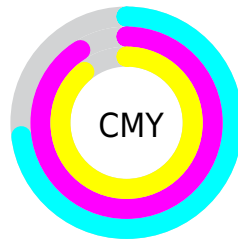
-  Red (27%)
-  Green (9%)
-  Blue (11%)






-  Red (27%)
-  Yellow (9%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (69%)
-  Yellow (61%)
-  Black (73%)



-  Cyan (73%)
-  Magenta (91%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46161B 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 46161B by changing the saturation by 10% instead.



46161B



46161B

FFFEFE



2F0000



794446



080000



945C5E



000000



B07576



CC8F90



E9A9AA



FFC5C6



FFE1E2



46161B



46161B

■ 460F15

■ 461D21

■ 46080E

■ 462428

■ 460108

■ 462B2E

■ 460007

■ 463234

■ 46393A

■ 464041

■ 464747

■ 464E4D

■ 465553

Harmonies

Analogous

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



43162D



46161B



401C09

Triad

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



46161B



0E2C0E



002A49

Complementary

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



46161B



164641

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.



002D41



46161B



002E20

Square

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



46161B



252900



002F32



1B2448

Rectangle

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



46161B



392100



002F32



002B47

Sweetspot

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



46161B



5C494B



401646



2E2224



ADADAD



2E2E2E

Same Dimension

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



46161B



5C1118



462816



242021



63000A



E30018

Inverse Universe

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



46161B



5C1118



163446



242021



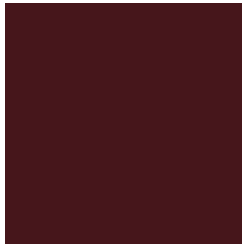
63000A



E30018

Previews

White Background



This preview shows how the Hex color 46161B looks on a white background.

Color Contrast Check

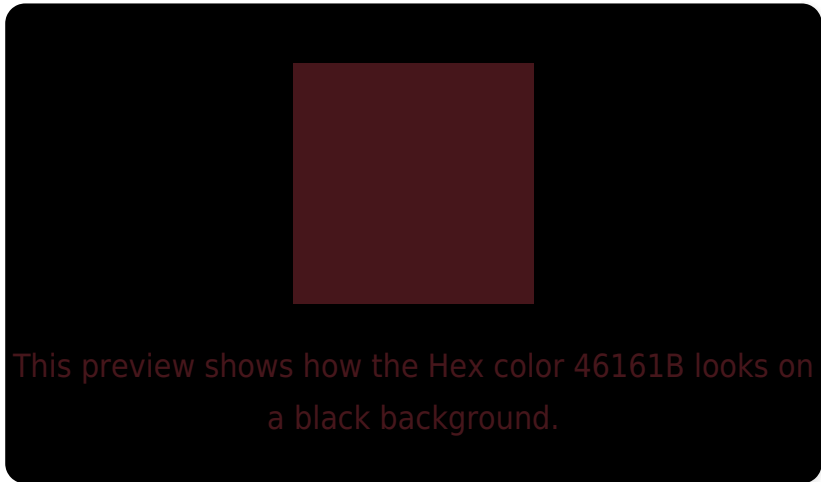
Large Text (above 18pt) WCAG AA ✓ Pass

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

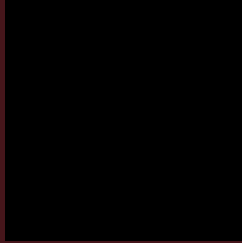
Any Text WCAG AA × Fail

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 46161B Background



This preview shows how black text looks on a background with the Hex color 46161B.

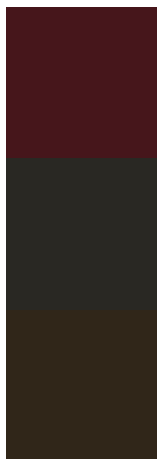


This preview shows how white text looks on a background with the Hex color 46161B.

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
46161B

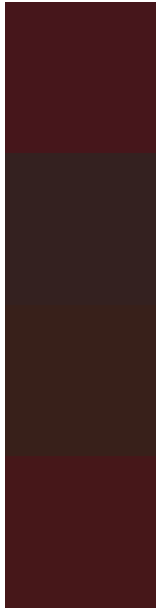
Protanopia
292823

Deuteranopia
302619



Tritanopia
461718

Trichromacy



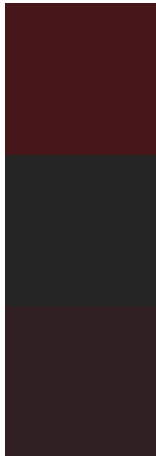
Original Color
46161B

Protanomaly
342120

Deuteranomaly
38201A

Tritanomaly
461719

Monochromacy



Original Color
46161B

Achromatopsia
252525

Achromatomaly
312021

CSS Examples

Text

The CSS property to change the color of the text to Hex 46161B 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 #46161B looks like.

```
.text, #text, p{  
    color:#46161B  
}
```

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 #46161B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46161B
}
```

Border

The CSS property to change the border of an element to Hex 46161B 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".

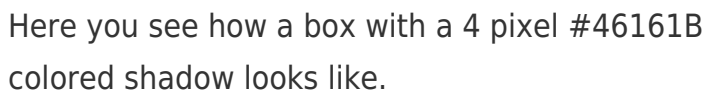
```
.border, #border, table{ border:4px solid
#46161B }
```

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

```
.border{ border-color:#46161B }
```

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

Here you see how a box with a 4 pixel #46161B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46161B; -webkit-box-shadow:4px 4px  
4px 4px #46161B; box-shadow:4px 4px 4px  
4px #46161B }
```

Background

The CSS property to change the background color of an element to Hex 46161B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46161B }
```

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

```
.background{ background-color:#46161B }
```

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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