

Converting Colors

Hex(4B160C)

Have a look what the booklet for
Hex(4B160C) contains.

Hex(4B160C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4B160C)

Conversions

Conversions Part 1

Format	Color
Hex	4B160C
RGB	75, 22, 12
RGB Percent	29%, 9%, 5%
CMY	0.7059, 0.9137, 0.9529
CMYK	0.00, 0.71, 0.84, 0.71
HSL	10°, 72%, 17%
HSV	10°, 84%, 29%
XYZ	3.2549, 2.0962, 0.5809
YIQ	36.7070, 34.7980, 8.1260

Conversions

Conversions Part 2

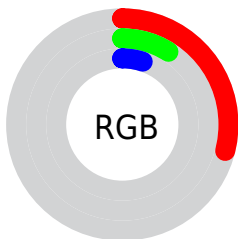
Format	Color
RYB	75, 24, 12
Decimal	4920844
CIELab	15.98, 24.51, 19.25
CIELCh	16, 31.163, 38.151
Yxy	2.0962, 0.5487, 0.3534
Android (android.graphics.Color)	4283110924 (0xFF4B160C)
YUV	36.7070, -12.1806, 33.5830
Hunter-Lab	14.4783, 14.7921, 7.7561

Details

The Hex color **4B160C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0C414B**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **804437**, and **110000** is the 20% darker color. If you saturate the color by 10%, you get **4B1005**, and if you desaturate by 10%, it is **4B1C14**.

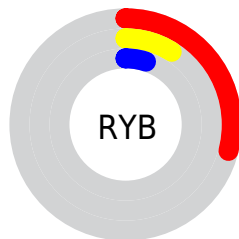
Distribution



Red (29%)

Green (9%)

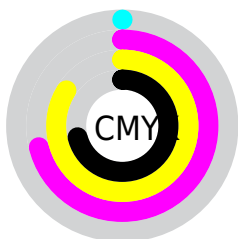
Blue (5%)



Red (29%)

Yellow (9%)

Blue (5%)

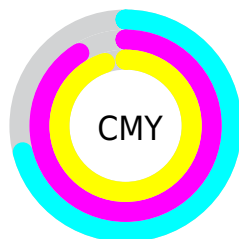


Cyan (0%)

Magenta (71%)

Yellow (84%)

Black (71%)



Cyan (71%)

Magenta (91%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B160C 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 4B160C by changing the saturation by 10% instead.

 4B160C

 4B160C

 FFFEEC

 320000

 804437

 110000

 9C5C4E

 000000

 B87566

 D58F7F

 F2AA99

 FFC5B4

 FFE1CF

 4B160C

 4B160C

■ 4B1005

■ 4B1C14

■ 4B0C00

■ 4B231B

■ 4B2923

■ 4B2F2A

■ 4B3631

■ 4B3C39

■ 4B4241

■ 4B4848

■ 4B4F50

Harmonies

Analogous

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



4F0F23



4B160C



3F2000

Triad

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



4B160C



003116



002854

Complementary

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



4B160C



0C414B

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.



002E51



4B160C



00322D

Square

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



4B160C



162E00



003143



301F4B

Rectangle

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



4B160C



342600



003143



002B54

Sweetspot

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



4B160C



614D49



4B0C42



302422



B0B0B0



303030

Same Dimension

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



4B160C



610F00



4B350C



262322



661000



E62400

Inverse Universe

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



0C414B



005261



0C224B



222626



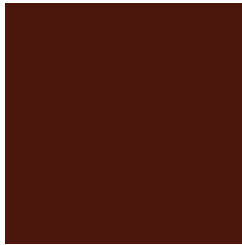
005666



00C1E6

Previews

White Background



This preview shows how the Hex color 4B160C 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 4B160C Background



This preview shows how black text looks on a background with the Hex color 4B160C.

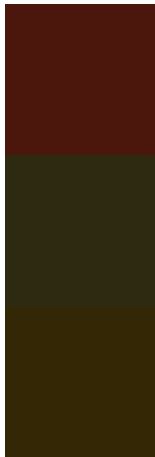


This preview shows how white text looks on a background with the Hex color 4B160C.

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
4B160C

Protanopia
2E2911

Deuteranopia
342705



Tritanopia
4B1516

Trichromacy



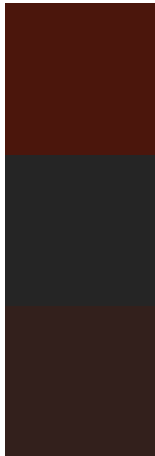
Original Color
4B160C

Protanomaly
39220F

Deuteranomaly
3C2108

Tritanomaly
4B1512

Monochromacy



Original Color
4B160C

Achromatopsia
252525

Achromatomaly
33201C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B160C 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 #4B160C looks like.

```
.text, #text, p{  
    color:#4B160C  
}
```

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 #4B160C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B160C
}
```

Border

The CSS property to change the border of an element to Hex 4B160C is called "border". The border property can be set on classes, ids or directly on the HTML element.

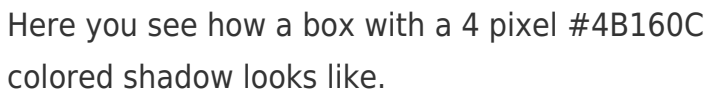
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B160C }
```

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

```
.border{ border-color:#4B160C }
```

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



Here you see how a box with a 4 pixel #4B160C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B160C; -webkit-box-shadow:4px 4px  
4px 4px #4B160C; box-shadow:4px 4px 4px  
4px #4B160C }
```

Background

The CSS property to change the background color of an element to Hex 4B160C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B160C }
```

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

```
.background{ background-color:#4B160C }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor