

Converting Colors

Hex(6B2116)

Have a look what the booklet for
Hex(6B2116) contains.

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Color

Hex(6B2116)

Conversions

Conversions Part 1

Format	Color
Hex	6B2116
RGB	107, 33, 22
RGB Percent	42%, 13%, 9%
CMY	0.5804, 0.8706, 0.9137
CMYK	0.00, 0.69, 0.79, 0.58
HSL	8°, 66%, 25%
HSV	8°, 79%, 42%
XYZ	6.7521, 4.2714, 1.2277
YIQ	53.8720, 47.6350, 12.2670

Conversions

Conversions Part 2

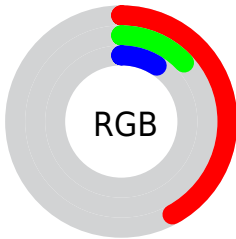
Format	Color
R_{YB}	107, 35, 22
Decimal	7020822
CIE Lab	24.55, 32.30, 25.07
CIE LCh	25, 40.883, 37.814
Yxy	4.2714, 0.5511, 0.3487
Android (android.graphics.Color)	4285210902 (0xFF6B2116)
YUV	53.8720, -15.7129, 46.5933
Hunter-Lab	20.6675, 22.1481, 10.9454

Details

The Hex color **6B2116** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **16606B**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **A45241**, and **350000** is the 20% darker color. If you saturate the color by 10%, you get **6B180B**, and if you desaturate by 10%, it is **6B2A21**.

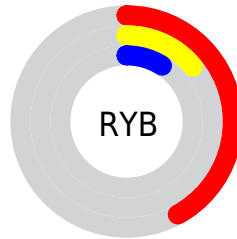
Distribution



Red (42%)

Green (13%)

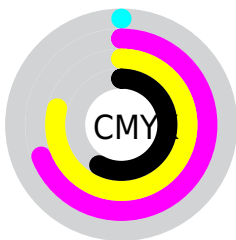
Blue (9%)



Red (42%)

Yellow (14%)

Blue (9%)

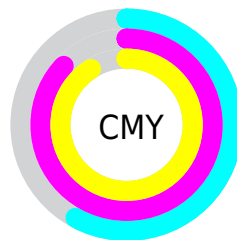


Cyan (0%)

Magenta (69%)

Yellow (79%)

Black (58%)



Cyan (58%)

Magenta (87%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B2116 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 6B2116 by changing the saturation by 10% instead.

 6B2116

 6B2116

 FFFFF9

 500600

 A45241

 350000

 C16B59

 140000

 DE8572

 000000

 FC9F8B

 FFBBA6

 FFD7C1

 FFF4DD

 6B2116

 6B2116

■ 6B180B

■ 6B2A21

■ 6B0E01

■ 6B342B

■ 6B0E00

■ 6B3D36

■ 6B4641

■ 6B504C

■ 6B5956

■ 6B6261

■ 6B6C6C

■ 6B7576

Harmonies

Analogous

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



701634



6B2116



5A3000

Triad

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



6B2116



004622



003C78

Complementary

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



6B2116



16606B

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.



004474



6B2116



004842

Square

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



6B2116



1F4300



004760



442E6B

Rectangle

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



6B2116



4A3800



004760



003F78

Sweetspot

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



6B2116



8C6F6B



6B1661



473533



C7C7C7



474747

Same Dimension

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



6B2116



8C1807



6B4A16



363130



750F00



F52000

Inverse Universe

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



16606B



077B8C



16376B



303536



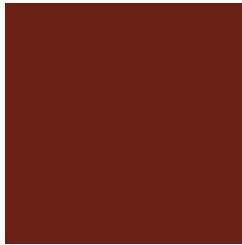
006675



00D5F5

Previews

White Background



This preview shows how the Hex color 6B2116 looks on a white background.

Color Contrast Check

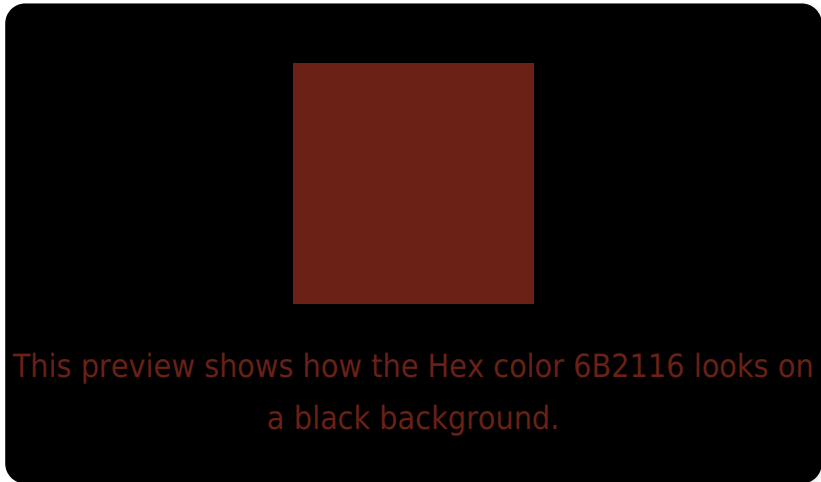
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B2116 Background



This preview shows how black text looks on a background with the Hex color 6B2116.

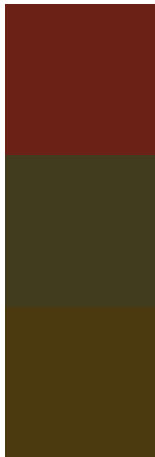


This preview shows how white text looks on a background with the Hex color 6B2116.

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
6B2116

Protanopia
423C1E

Deuteranopia
4B3910

Trichromacy



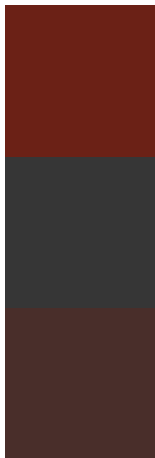
Original Color
6B2116

Protanomaly
51321B

Deuteranomaly
573012

Tritanomaly
6B201D

Monochromacy



Original Color
6B2116

Achromatopsia
363636

Achromatomaly
492E2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B2116 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 #6B2116 looks like.

```
.text, #text, p{  
    color:#6B2116  
}
```

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 #6B2116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B2116
}
```

Border

The CSS property to change the border of an element to Hex 6B2116 is called "border". The border property can be set on classes, ids or directly on the HTML element.

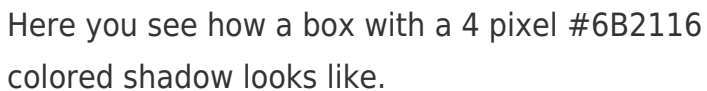
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B2116 }
```

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

```
.border{ border-color:#6B2116 }
```

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



Here you see how a box with a 4 pixel #6B2116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B2116; -webkit-box-shadow:4px 4px  
4px 4px #6B2116; box-shadow:4px 4px 4px  
4px #6B2116 }
```

Background

The CSS property to change the background color of an element to Hex 6B2116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B2116 }
```

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

```
.background{ background-color:#6B2116 }
```

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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