

Converting Colors

Hex(6B2D2D)

Have a look what the booklet for
Hex(6B2D2D) contains.

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Color

Hex(6B2D2D)

Conversions

Conversions Part 1

Format	Color
Hex	6B2D2D
RGB	107, 45, 45
RGB Percent	42%, 18%, 18%
CMY	0.5804, 0.8235, 0.8235
CMYK	0.00, 0.58, 0.58, 0.58
HSL	0°, 41%, 30%
HSV	0°, 58%, 42%
XYZ	7.4754, 5.1920, 3.0908
YIQ	63.5380, 36.9520, 13.1440

Conversions

Conversions Part 2

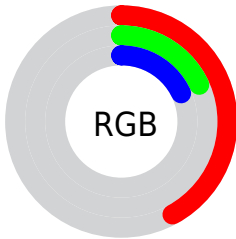
Format	Color
R _Y B	107, 45, 45
Decimal	7023917
CIE Lab	27.28, 27.69, 13.60
CIE LCh	27, 30.855, 26.158
Yxy	5.1920, 0.4744, 0.3295
Android (android.graphics.Color)	4285213997 (0xFF6B2D2D)
YUV	63.5380, -9.1392, 38.1162
Hunter-Lab	22.7860, 18.6852, 7.9079

Details

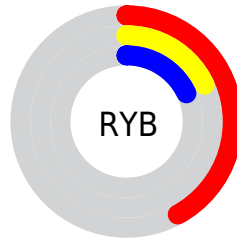
The Hex color **6B2D2D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D6B6B**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **A25D5B**, and **380000** is the 20% darker color. If you saturate the color by 10%, you get **6B2222**, and if you desaturate by 10%, it is **6B3838**.

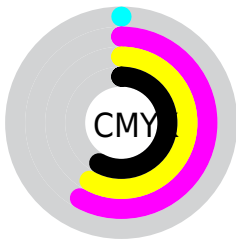
Distribution



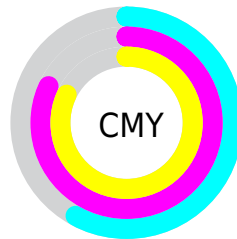
- Red (42%)
- Green (18%)
- Blue (18%)



- Red (42%)
- Yellow (18%)
- Blue (18%)



- Cyan (0%)
- Magenta (58%)
- Yellow (58%)
- Black (58%)



- Cyan (58%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6B2D2D 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 6B2D2D by changing the saturation by 10% instead.

 6B2D2D

 6B2D2D

FFFFFF

 511618

 A25D5B

 380000

 BE7673

 1D0001

 DB908D

 000000

 F8ABA7

 FFC7C2

 FFE3DE

 FFFFFB

 6B2D2D

 6B2D2D

■ 6B2222

■ 6B3838

■ 6B1818

■ 6B4242

■ 6B0D0D

■ 6B4D4D

■ 6B0202

■ 6B5858

■ 6B0000

■ 6B6363

■ 6B6D6D

■ 6B7878

■ 6B8383

■ 6B8D8D

Harmonies

Analogous

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



692B44



6B2D2D



613519

Triad

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



6B2D2D



194A25



004470

Complementary

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



6B2D2D



2D6B6B

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.



004967



6B2D2D



004C3D

Square

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



6B2D2D



394513



004C55



3C3B6B

Rectangle

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



6B2D2D



563B10



004C55



00466E

Sweetspot

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



6B2D2D



8C7474



6B2D6B



473939



C7C7C7



474747

Same Dimension

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



6B2D2D



8C2A2A



6B4C2D



363030



750000



F50000

Inverse Universe

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



2D6B6B



2A8C8C



2D4C6B



303636



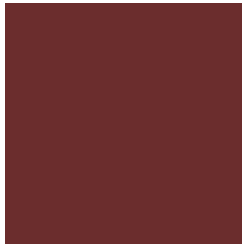
007575



00F5F5

Previews

White Background



This preview shows how the Hex color 6B2D2D looks on a white background.

Color Contrast Check

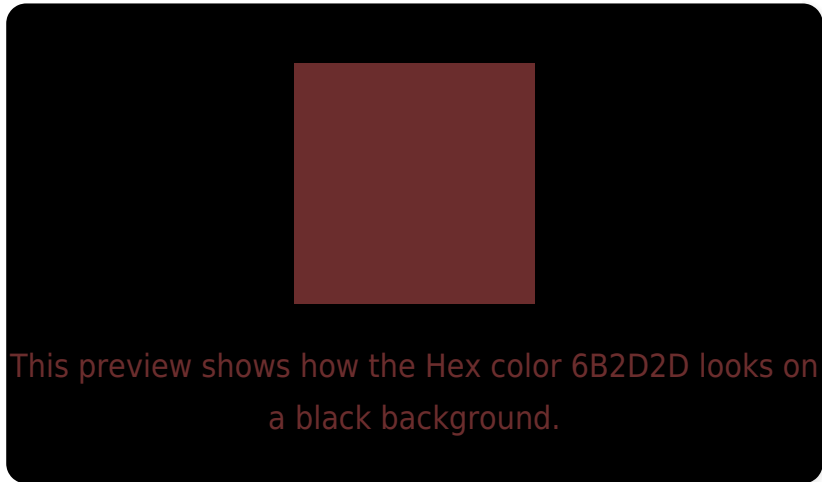
Large Text (above 18pt) WCAG AA ✓ Pass

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

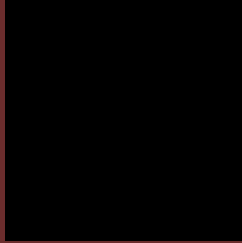
Any Text WCAG AA × Fail

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 6B2D2D Background



This preview shows how black text looks on a background with the Hex color 6B2D2D.

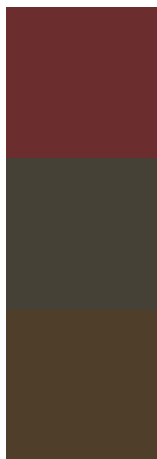


This preview shows how white text looks on a background with the Hex color 6B2D2D.

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
6B2D2D

Protanopia
454136

Deuteranopia
4F3E2A



Tritanopia
6B2D30

Trichromacy



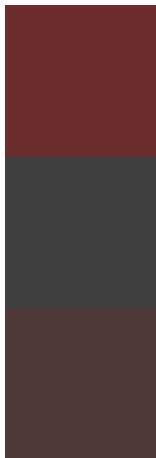
Original Color
6B2D2D

Protanomaly
533A33

Deuteranomaly
59382B

Tritanomaly
6B2D2F

Monochromacy



Original Color
6B2D2D

Achromatopsia
404040

Achromatomaly
503939

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B2D2D 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 #6B2D2D looks like.

```
.text, #text, p{  
    color:#6B2D2D  
}
```

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 #6B2D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B2D2D
}
```

Border

The CSS property to change the border of an element to Hex 6B2D2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

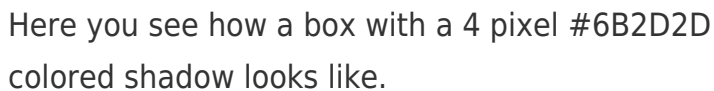
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B2D2D }
```

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

```
.border{ border-color:#6B2D2D }
```

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



Here you see how a box with a 4 pixel #6B2D2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B2D2D; -webkit-box-shadow:4px 4px  
4px 4px #6B2D2D; box-shadow:4px 4px 4px  
4px #6B2D2D }
```

Background

The CSS property to change the background color of an element to Hex 6B2D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B2D2D }
```

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

```
.background{ background-color:#6B2D2D }
```

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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