

Converting Colors

Hex(6B2722)

Have a look what the booklet for
Hex(6B2722) contains.

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Color

Hex(6B2722)

Conversions

Conversions Part 1

Format	Color
Hex	6B2722
RGB	107, 39, 34
RGB Percent	42%, 15%, 13%
CMY	0.5804, 0.8471, 0.8667
CMYK	0.00, 0.64, 0.68, 0.58
HSL	4°, 52%, 28%
HSV	4°, 68%, 42%
XYZ	7.0777, 4.6923, 2.0460
YIQ	58.7620, 42.1330, 12.8610

Conversions

Conversions Part 2

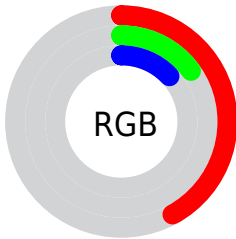
Format	Color
RYB	107, 39, 34
Decimal	7022370
CIELab	25.84, 30.01, 18.97
CIELCh	26, 35.502, 32.290
Yxy	4.6923, 0.5123, 0.3396
Android (android.graphics.Color)	4285212450 (0xFF6B2722)
YUV	58.7620, -12.2077, 42.3047
Hunter-Lab	21.6618, 20.4140, 9.5631

Details

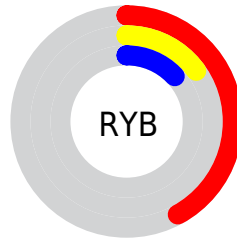
The Hex color **6B2722** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **22666B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **A3574E**, and **360000** is the 20% darker color. If you saturate the color by 10%, you get **6B1D17**, and if you desaturate by 10%, it is **6B312D**.

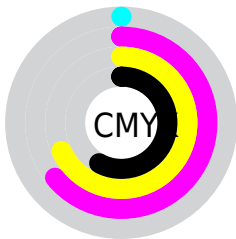
Distribution



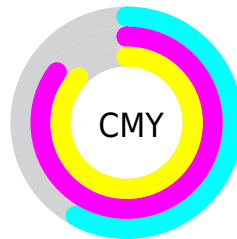
- Red (42%)
- Green (15%)
- Blue (13%)



- Red (42%)
- Yellow (15%)
- Blue (13%)



- Cyan (0%)
- Magenta (64%)
- Yellow (68%)
- Black (58%)



- Cyan (58%)
- Magenta (85%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B2722 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 6B2722 by changing the saturation by 10% instead.

 6B2722

 6B2722

FFFFFF

 500E0D

 A3574E

 360000

 BF7066

 190001

 DC8A80

 000000

 FAA59A

 FFC1B4

 FFDDDD

 FFFAEC

 6B2722

 6B2722

■ 6B1D17

■ 6B312D

■ 6B130D

■ 6B3B37

■ 6B0902

■ 6B4542

■ 6B0700

■ 6B4F4D

■ 6B5958

■ 6B6362

■ 6B6D6D

■ 6B7778

■ 6B8182

Harmonies

Analogous

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



6D223C



6B2722



5E320B

Triad

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



6B2722



004823



004073

Complementary

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



6B2722



22666B

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.



00466D



6B2722



004A3F

Square

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



6B2722



2D440A



004959



40356B

Rectangle

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



6B2722



503900



004959



004273

Sweetspot

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



6B2722



8C7270



6B2266



473736



C7C7C7



474747

Same Dimension

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



6B2722



8C2119



6B4B22



363130



750800



F51100

Inverse Universe

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



22666B



19848C



22426B



303536



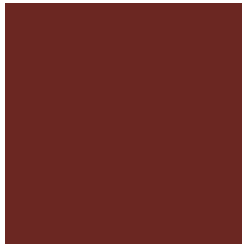
006D75



00E4F5

Previews

White Background



This preview shows how the Hex color 6B2722 looks on a white background.

Color Contrast Check

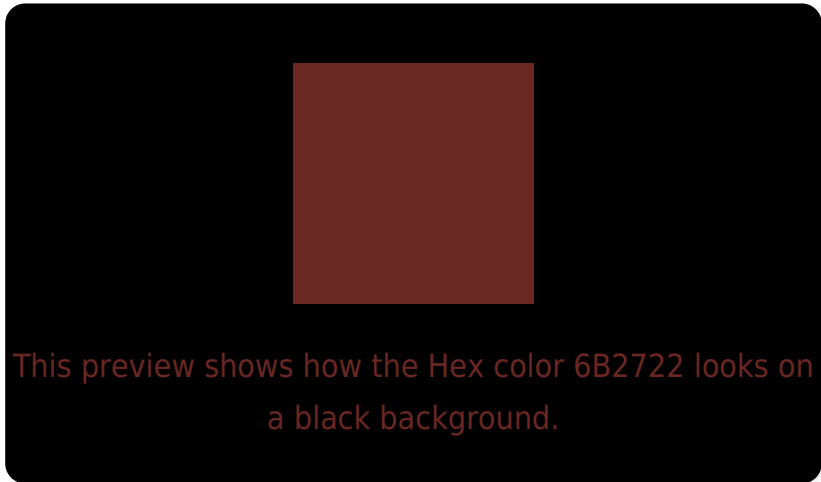
Large Text (above 18pt) WCAG AA ✓ Pass

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

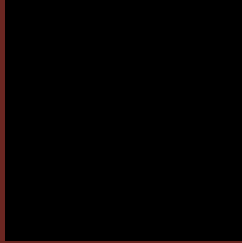
Any Text WCAG AA × Fail

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 6B2722 Background



This preview shows how black text looks on a background with the Hex color 6B2722.

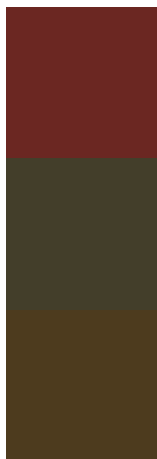


This preview shows how white text looks on a background with the Hex color 6B2722.

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
6B2722

Protanopia
433E2A

Deuteranopia
4D3B1E



Tritanopia
6B2628

Trichromacy



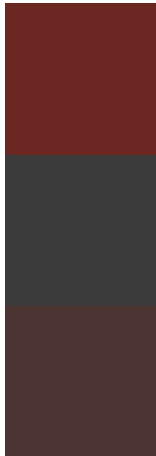
Original Color
6B2722

Protanomaly
523627

Deuteranomaly
58341F

Tritanomaly
6B2626

Monochromacy



Original Color
6B2722

Achromatopsia
3B3B3B

Achromatomaly
4C3432

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B2722 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 #6B2722 looks like.

```
.text, #text, p{  
    color:#6B2722  
}
```

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 #6B2722 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B2722
}
```

Border

The CSS property to change the border of an element to Hex 6B2722 is called "border". The border property can be set on classes, ids or directly on the HTML element.

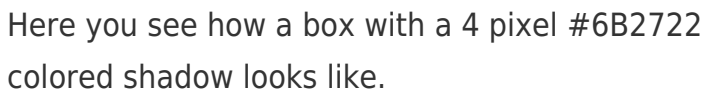
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B2722 }
```

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

```
.border{ border-color:#6B2722 }
```

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



Here you see how a box with a 4 pixel #6B2722 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B2722; -webkit-box-shadow:4px 4px  
4px 4px #6B2722; box-shadow:4px 4px 4px  
4px #6B2722 }
```

Background

The CSS property to change the background color of an element to Hex 6B2722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B2722 }
```

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

```
.background{ background-color:#6B2722 }
```

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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