

# Converting Colors

Hex(6C2C25)

Have a look what the booklet for  
Hex(6C2C25) contains.

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**Color**

**Hex(6C2C25)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C2C25
RGB	108, 44, 37
RGB Percent	42%, 17%, 15%
CMY	0.5765, 0.8275, 0.8549
CMYK	0.00, 0.59, 0.66, 0.58
HSL	6°, 49%, 28%
HSV	6°, 66%, 42%
XYZ	7.4190, 5.1231, 2.3481
YIQ	62.3380, 40.3910, 11.3910

# Conversions

## Conversions Part 2

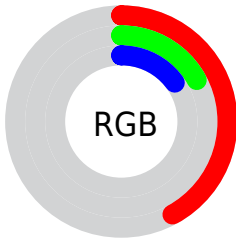
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 45, 37
Decimal	7089189
CIELab	27.08, 27.98, 18.61
CIELCh	27, 33.607, 33.627
Yxy	5.1231, 0.4982, 0.3441
Android (android.graphics.Color)	4285279269 (0xFF6C2C25)
YUV	62.3380, -12.4916, 40.0456
Hunter-Lab	22.6342, 18.8981, 9.6932

# Details

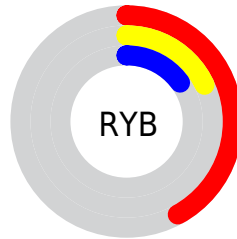
The Hex color **6C2C25** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **25656C**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **A35C52**, and **380000** is the 20% darker color. If you saturate the color by 10%, you get **6C221A**, and if you desaturate by 10%, it is **6C3630**.

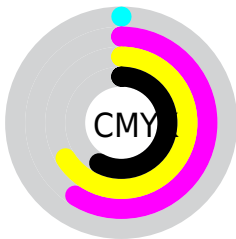
# Distribution



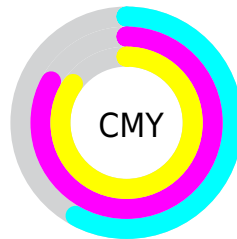
- Red (42%)
- Green (17%)
- Blue (15%)



- Red (42%)
- Yellow (18%)
- Blue (15%)



- Cyan (0%)
- Magenta (59%)
- Yellow (66%)
- Black (58%)



- Cyan (58%)
- Magenta (83%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C2C25 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 6C2C25 by changing the saturation by 10% instead.



 6C2C25

 6C2C25

FFFFFF

 511510

 A35C52

 380000

 C0756A

 1D0001

 DD8F83

 000000

 FAAA9D

 FFC6B8

 FFE2D4

 FFFFF0

 6C2C25

 6C2C25

■ 6C221A

■ 6C3630

■ 6C190F

■ 6C3F3B

■ 6C0F05

■ 6C4945

■ 6C0B00

■ 6C5350

■ 6C5D5B

■ 6C6666

■ 6C7071

■ 6C7A7B

■ 6C8486

# Harmonies

## Analogous

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



6E273E



6C2C25



5F3610

# Triad

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



6C2C25



004B28



004273

# Complementary

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



6C2C25



25656C

# 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.



00496E



6C2C25



004C42

# Square

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



6C2C25



304711



004C5C



45386B

# Rectangle

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



6C2C25



523D07



004C5C



004573



# Sweetspot

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



6C2C25



8C7370



6C2566



473836



C7C7C7



474747



# Same Dimension

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



6C2C25



8C281D



6C4E25



363130



750C00



F51800



# Inverse Universe

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



25656C



1D818C



25436C



303536



006A75

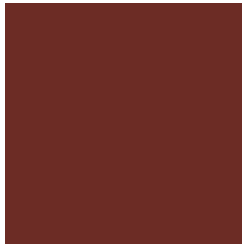


00DDF5



# Previews

## White Background



This preview shows how the Hex color 6C2C25 looks on a white background.

## Color Contrast Check

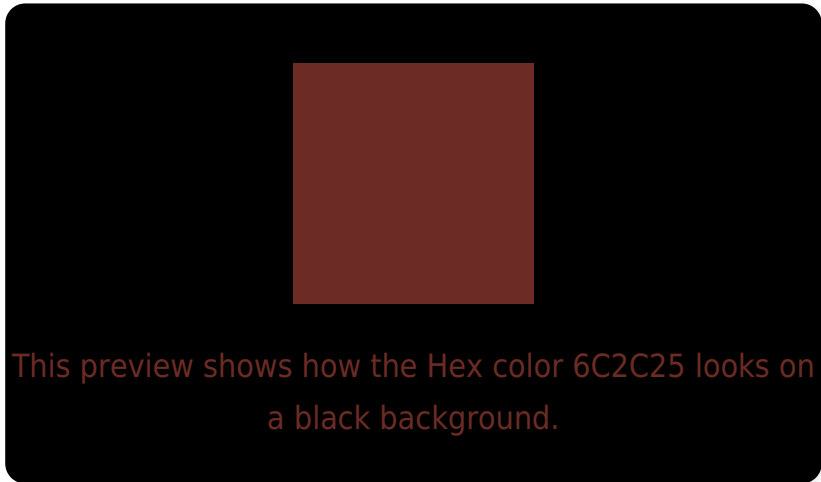
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C2C25 Background



This preview shows how black text looks on a background with the Hex color 6C2C25.

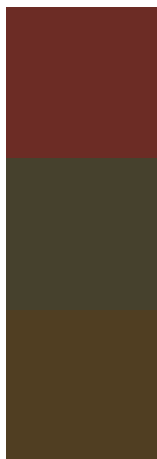


This preview shows how white text looks on a background with the Hex color 6C2C25.

# 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**  
6C2C25

**Protanopia**  
46412D

**Deuteranopia**  
503E22



**Tritanopia**  
6C2B2E

# Trichromacy



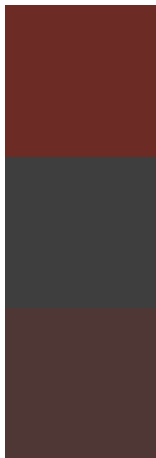
**Original Color**  
6C2C25

**Protanomaly**  
54392A

**Deuteranomaly**  
5A3723

**Tritanomaly**  
6C2B2B

# Monochromacy



**Original Color**  
6C2C25

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
4F3735

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C2C25 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 #6C2C25 looks like.

```
.text, #text, p{  
    color:#6C2C25  
}
```

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 #6C2C25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C2C25
}
```

## Border

The CSS property to change the border of an element to Hex 6C2C25 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".

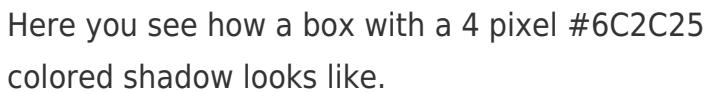
```
.border, #border, table{ border:4px solid
#6C2C25 }
```

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

```
.border{ border-color:#6C2C25 }
```

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

Here you see how a box with a 4 pixel #6C2C25 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6C2C25 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C2C25; -webkit-box-shadow:4px 4px  
4px 4px #6C2C25; box-shadow:4px 4px 4px  
4px #6C2C25 }
```

# Background

The CSS property to change the background color of an element to Hex 6C2C25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C2C25 }
```

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

```
.background{ background-color:#6C2C25 }
```

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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