

# Converting Colors

Hex(6C2D13)

Have a look what the booklet for  
Hex(6C2D13) contains.

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**Color**

**Hex(6C2D13)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C2D13
RGB	108, 45, 19
RGB Percent	42%, 18%, 7%
CMY	0.5765, 0.8235, 0.9255
CMYK	0.00, 0.58, 0.82, 0.58
HSL	18°, 70%, 25%
HSV	18°, 82%, 42%
XYZ	7.2403, 5.1119, 1.2212
YIQ	60.8730, 45.8940, 5.2700

# Conversions

## Conversions Part 2

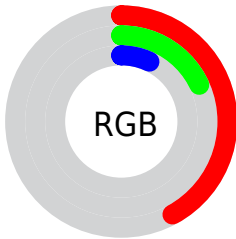
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 56, 19
Decimal	7089427
CIE Lab	27.05, 26.39, 29.46
CIE LCh	27, 39.549, 48.146
Yxy	5.1119, 0.5334, 0.3766
Android (android.graphics.Color)	4285279507 (0xFF6C2D13)
YUV	60.8730, -20.6434, 41.3304
Hunter-Lab	22.6096, 17.5943, 12.6243

# Details

The Hex color **6C2D13** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **13526C**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **A45D3F**, and **360000** is the 20% darker color. If you saturate the color by 10%, you get **6C2508**, and if you desaturate by 10%, it is **6C351E**.

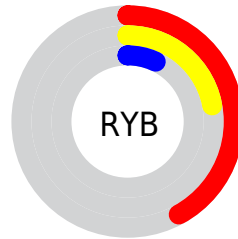
# Distribution



Red (42%)

Green (18%)

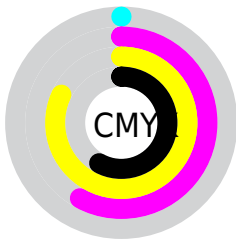
Blue (7%)



Red (42%)

Yellow (22%)

Blue (7%)

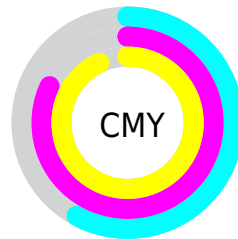


Cyan (0%)

Magenta (58%)

Yellow (82%)

Black (58%)



Cyan (58%)

Magenta (82%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C2D13 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 6C2D13 by changing the saturation by 10% instead.



 6C2D13

 6C2D13

 FFFFF7

 511600

 A45D3F

 360000

 C17657

 1B0001

 DF9070

 000000

 FDAB89

 FFC6A4

 FFE2BF

 FFFFDB

 6C2D13

 6C2D13

■ 6C2508

■ 6C351E

■ 6C2000

■ 6C3C29

■ 6C4433

■ 6C4C3E

■ 6C5349

■ 6C5B54

■ 6C635F

■ 6C6A69

■ 6C7274

# Harmonies

## Analogous

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



75212F



6C2D13



583A00

# Triad

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



6C2D13



004D32



243D7A

# Complementary

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



6C2D13



13526C

# 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.



00477B



6C2D13



004E52

# Square

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



6C2D13



154A14



004C6D



582F69

# Rectangle

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



6C2D13



474100



004C6D



00417C



# Sweetspot

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



6C2D13



8C7369



6C1353



473832



C7C7C7



474747



# Same Dimension

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



6C2D13



8C2A01



6C5913



363230



752200



F54800



# Inverse Universe

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



13526C



01648C



13266C



303436



005375



00ADF5



# Previews

## White Background



This preview shows how the Hex color 6C2D13 looks on a white background.

## Color Contrast Check

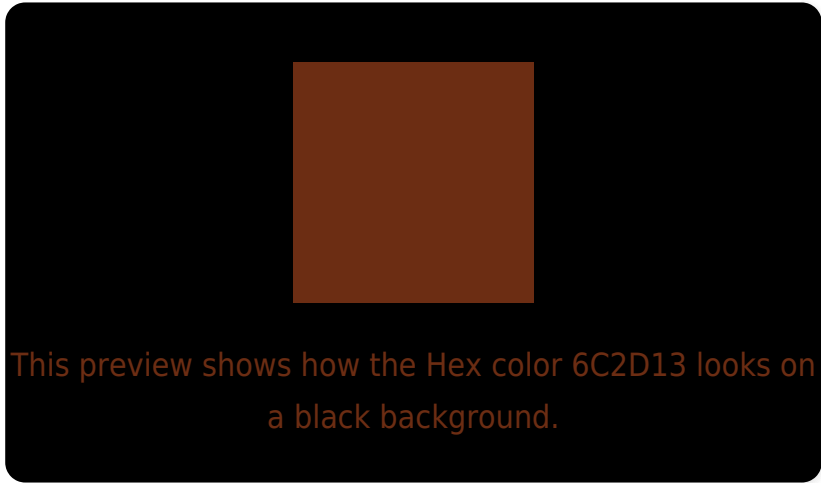
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C2D13 Background



This preview shows how black text looks on a background with the Hex color 6C2D13.



This preview shows how white text looks on a background with the Hex color 6C2D13.

# 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**  
6C2D13

**Protanopia**  
484118

**Deuteranopia**  
523E0C



**Tritanopia**  
6D2A2D

# Trichromacy



**Original Color**  
6C2D13

**Protanomaly**  
553A16

**Deuteranomaly**  
5B380F

**Tritanomaly**  
6D2B24

# Monochromacy



**Original Color**  
6C2D13

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
4E372E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C2D13 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 #6C2D13 looks like.

```
.text, #text, p{  
    color:#6C2D13  
}
```

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 #6C2D13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C2D13  
}
```

## Border

The CSS property to change the border of an element to Hex 6C2D13 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  
#6C2D13 }
```

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

```
.border{ border-color:#6C2D13 }
```

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

Here you see how a box with a 4 pixel #6C2D13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C2D13; -webkit-box-shadow:4px 4px  
4px 4px #6C2D13; box-shadow:4px 4px 4px  
4px #6C2D13 }
```

# Background

The CSS property to change the background color of an element to Hex 6C2D13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C2D13 }
```

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

```
.background{ background-color:#6C2D13 }
```

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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