

# Converting Colors

Hex(6C4028)

Have a look what the booklet for  
Hex(6C4028) contains.

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**Color**

**Hex(6C4028)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C4028
RGB	108, 64, 40
RGB Percent	42%, 25%, 16%
CMY	0.5765, 0.7490, 0.8431
CMYK	0.00, 0.41, 0.63, 0.58
HSL	21°, 46%, 29%
HSV	21°, 63%, 42%
XYZ	8.4007, 7.0081, 2.9174
YIQ	74.4200, 33.9280, 1.8640

# Conversions

## Conversions Part 2

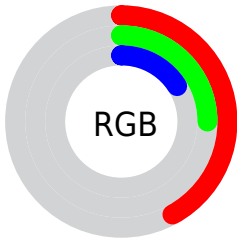
Format	Color
<b>R<sub>YB</sub></b>	108, 77, 40
Decimal	7094312
CIE <sub>Lab</sub>	31.83, 16.58, 22.61
CIE <sub>LCh</sub>	32, 28.037, 53.751
Yxy	7.0081, 0.4584, 0.3824
Android (android.graphics.Color)	4285284392 (0xFF6C4028)
YUV	74.4200, -16.9691, 29.4497
Hunter-Lab	26.4729, 10.3165, 11.9970

# Details

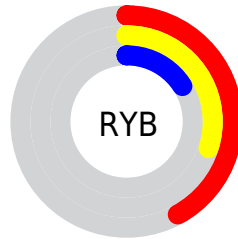
The Hex color **6C4028** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **28546C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A27056**, and **391400** is the 20% darker color. If you saturate the color by 10%, you get **6C391D**, and if you desaturate by 10%, it is **6C4733**.

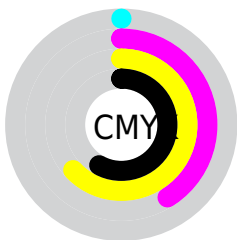
# Distribution



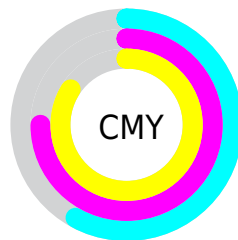
- Red (42%)
- Green (25%)
- Blue (16%)



- Red (42%)
- Yellow (30%)
- Blue (16%)



- Cyan (0%)
- Magenta (41%)
- Yellow (63%)
- Black (58%)



- Cyan (58%)
- Magenta (75%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C4028 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 6C4028 by changing the saturation by 10% instead.



 6C4028

 6C4028

FFFFFF

 522A13

 A27056

 391400

 BE8A6E

 220000

 DBA488

 000000

 F8BFA2

 FFDBBD

 FFF8D9

 FFFFF6

 6C4028

 6C4028

■ 6C391D

■ 6C4733

■ 6C3212

■ 6C4E3E

■ 6C2B08

■ 6C5548

■ 6C2600

■ 6C5C53

■ 6C635E

■ 6C6A69

■ 6C7174

■ 6C787E

■ 6C7F89

# Harmonies

## Analogous

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



743A3A



6C4028



5C481E

# Triad

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



6C4028



005645



454773

# Complementary

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



6C4028



28546C

# 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.



154F76



6C4028



00565C

# Square

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



6C4028



2C5330



00546E



623E65

# Rectangle

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



6C4028



4E4D1E



00546E



384A76



# Sweetspot

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



6C4028



8C7B72



6C2854



473D37



C7C7C7



474747



# Same Dimension

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



6C4028



8C4722



6C6228



363230



752900



F55600



# Inverse Universe

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



28546C



22678C



28326C



303436



004C75



009EF5



# Previews

## White Background



This preview shows how the Hex color 6C4028 looks on a white background.

## Color Contrast Check

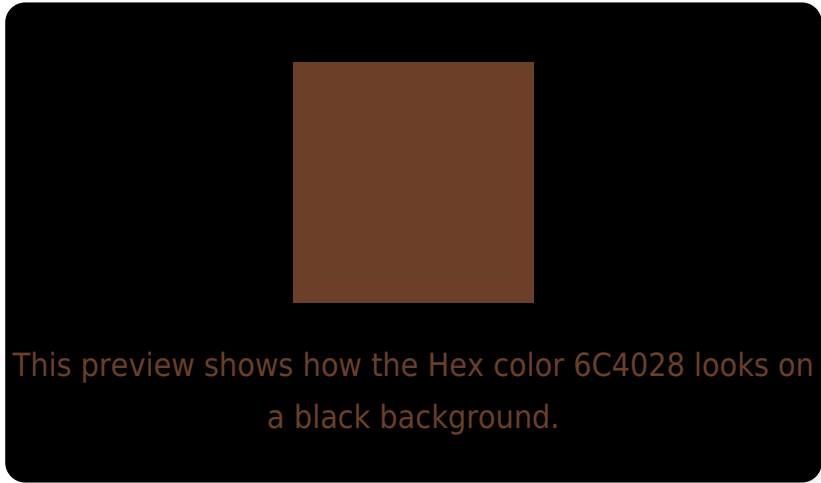
Large Text (above 18pt) WCAG AA ✓ Pass

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

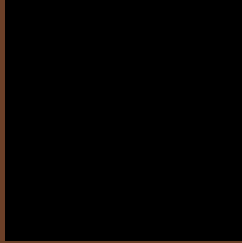
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C4028 Background



This preview shows how black text looks on a background with the Hex color 6C4028.



This preview shows how white text looks on a background with the Hex color 6C4028.

# 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**  
6C4028

**Protanopia**  
534B2C

**Deuteranopia**  
5D4826



**Tritanopia**  
6E3D41

# Trichromacy



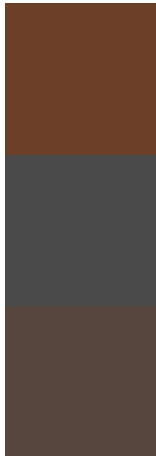
**Original Color**  
6C4028

**Protanomaly**  
5C472B

**Deuteranomaly**  
624527

**Tritanomaly**  
6D3E38

# Monochromacy



**Original Color**  
6C4028

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
56463E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C4028 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 #6C4028 looks like.

```
.text, #text, p{  
    color:#6C4028  
}
```

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 #6C4028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C4028
}
```

## Border

The CSS property to change the border of an element to Hex 6C4028 is called "border". The border property can be set on classes, ids or directly on the HTML element.

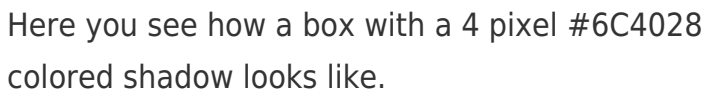
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C4028 }
```

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

```
.border{ border-color:#6C4028 }
```

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



Here you see how a box with a 4 pixel #6C4028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C4028; -webkit-box-shadow:4px 4px  
4px 4px #6C4028; box-shadow:4px 4px 4px  
4px #6C4028 }
```

# Background

The CSS property to change the background color of an element to Hex 6C4028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C4028 }
```

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

```
.background{ background-color:#6C4028 }
```

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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