

# Converting Colors

Hex(6C232D)

Have a look what the booklet for  
Hex(6C232D) contains.

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# Color

**Hex(6C232D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C232D
RGB	108, 35, 45
RGB Percent	42%, 14%, 18%
CMY	0.5765, 0.8627, 0.8235
CMYK	0.00, 0.68, 0.58, 0.58
HSL	352°, 51%, 28%
HSV	352°, 68%, 42%
XYZ	7.2590, 4.5797, 2.9840
YIQ	57.9670, 40.2980, 18.5860

# Conversions

## Conversions Part 2

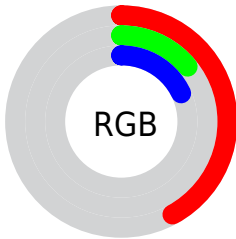
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 35, 45
Decimal	7086893
CIE <sub>Lab</sub>	25.50, 33.25, 11.26
CIE <sub>LCh</sub>	26, 35.103, 18.703
Yxy	4.5797, 0.4897, 0.3090
Android (android.graphics.Color)	4285276973 (0xFF6C232D)
YUV	57.9670, -6.3927, 43.8789
Hunter-Lab	21.4002, 23.0977, 6.7128

# Details

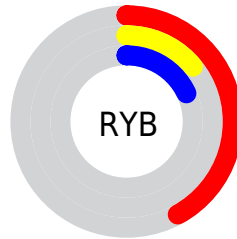
The Hex color **6C232D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **236C62**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **A3545A**, and **380000** is the 20% darker color. If you saturate the color by 10%, you get **6C1824**, and if you desaturate by 10%, it is **6C2E36**.

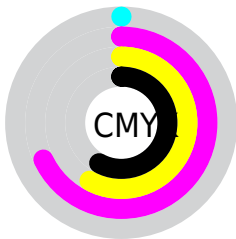
# Distribution



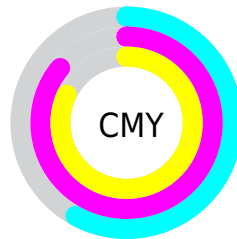
- Red (42%)
- Green (14%)
- Blue (18%)



- Red (42%)
- Yellow (14%)
- Blue (18%)



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



- Cyan (58%)
- Magenta (86%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C232D 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 6C232D by changing the saturation by 10% instead.



 6C232D

 6C232D

FFFFFF

 510819

 A3545A

 380000

 C06D73

 1B0001

 DD878C

 000000

 FAA2A7

 FFBEC2

 FFDADE

 FFF7FA

 6C232D

 6C232D

■ 6C1824

■ 6C2E36

■ 6C0D1A

■ 6C3940

■ 6C0311

■ 6C4349

■ 6C000F

■ 6C4E52

■ 6C595C

■ 6C6465

■ 6C6F6E

■ 6C7978

■ 6C8481

# Harmonies

## Analogous

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



672348



6C232D



642C15

# Triad

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



6C232D



184617



004271

# Complementary

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



6C232D



236C62

# 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.



004764



6C232D



004831

# Square

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



6C232D



3A4002



00494D



283A6F

# Rectangle

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



6C232D



593406



00494D



00446E



# Sweetspot

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



6C232D



8C7074



61236C



473639



C7C7C7



474747



# Same Dimension

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



6C232D



8C1B2A



6C3D23



363031



750010



F50022



# Inverse Universe

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



6C232D



8C1B2A



23526C



363031



750010

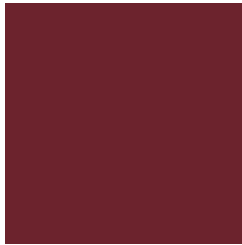


F50022



# Previews

## White Background



This preview shows how the Hex color 6C232D 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 6C232D Background



This preview shows how black text looks on a background with the Hex color 6C232D.



This preview shows how white text looks on a background with the Hex color 6C232D.

# 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**  
6C232D

**Protanopia**  
403D39

**Deuteranopia**  
4A3B29



**Tritanopia**  
6C2426

# Trichromacy



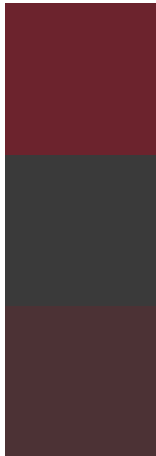
**Original Color**  
6C232D

**Protanomaly**  
503435

**Deuteranomaly**  
56322A

**Tritanomaly**  
6C2429

# Monochromacy



**Original Color**  
6C232D

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
4C3235

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C232D 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 #6C232D looks like.

```
.text, #text, p{  
    color:#6C232D  
}
```

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 #6C232D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C232D
}
```

## Border

The CSS property to change the border of an element to Hex 6C232D 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".

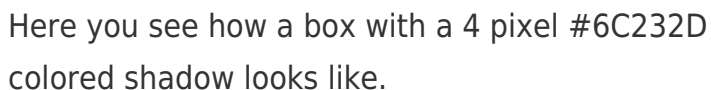
```
.border, #border, table{ border:4px solid
#6C232D }
```

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

```
.border{ border-color:#6C232D }
```

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

Here you see how a box with a 4 pixel #6C232D 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 #6C232D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C232D; -webkit-box-shadow:4px 4px  
4px 4px #6C232D; box-shadow:4px 4px 4px  
4px #6C232D }
```

# Background

The CSS property to change the background color of an element to Hex 6C232D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C232D }
```

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

```
.background{ background-color:#6C232D }
```

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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