

# Converting Colors

Hex(6C2D49)

Have a look what the booklet for  
Hex(6C2D49) contains.

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# Color

Hex(6C2D49)

# Conversions

## Conversions Part 1

Format	Color
Hex	6C2D49
RGB	108, 45, 73
RGB Percent	42%, 18%, 29%
CMY	0.5765, 0.8235, 0.7137
CMYK	0.00, 0.58, 0.32, 0.58
HSL	333°, 41%, 30%
HSV	333°, 58%, 42%
XYZ	8.3253, 5.5460, 6.9350
YIQ	67.0290, 28.5600, 22.0640

# Conversions

## Conversions Part 2

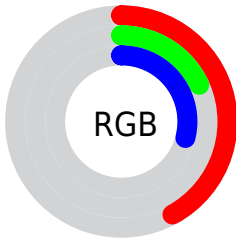
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 45, 73
Decimal	7089481
CIE Lab	28.24, 31.38, -3.60
CIE LCh	28, 31.584, 353.453
Yxy	5.5460, 0.4001, 0.2666
Android (android.graphics.Color)	4285279561 (0xFF6C2D49)
YUV	67.0290, 2.9437, 35.9316
Hunter-Lab	23.5499, 21.8909, -0.9750

# Details

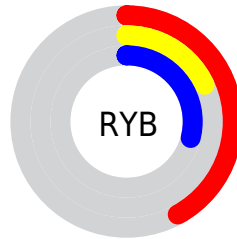
The Hex color **6C2D49** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2D6C50**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **A25E79**, and **39001E** is the 20% darker color. If you saturate the color by 10%, you get **6C2243**, and if you desaturate by 10%, it is **6C384F**.

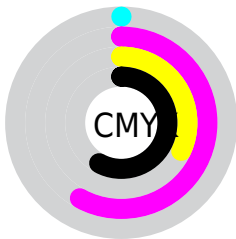
# Distribution



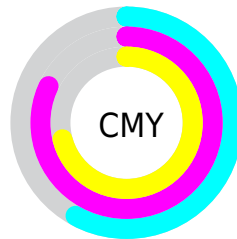
- Red (42%)
- Green (18%)
- Blue (29%)



- Red (42%)
- Yellow (18%)
- Blue (29%)



- Cyan (0%)
- Magenta (58%)
- Yellow (32%)
- Black (58%)



- Cyan (58%)
- Magenta (82%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C2D49 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 6C2D49 by changing the saturation by 10% instead.



 6C2D49

 6C2D49

FFFFFF

 521533

 A25E79

 39001E

 BD7793

 250002

 DA91AE

 000000

 F7ACC9

 FFC8E5

 FFE4FF

 6C2D49

 6C2D49

 6C2243

 6C384F

■ 6C173D

■ 6C4355

■ 6C0D37

■ 6C4D5B

■ 6C0231

■ 6C5861

■ 6C0030

■ 6C6367

■ 6C6E6D

■ 6C7973

■ 6C8379

■ 6C8E7F

# Harmonies

## Analogous

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



5B3460



6C2D49



6F2E31

# Triad

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



6C2D49



3D4713



004C69

# Complementary

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



6C2D49



2D6C50

# 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.



004E55



6C2D49



1E4C24

# Square

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



6C2D49



54400F



004E3C



004773

# Rectangle

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



6C2D49



6A3322



004E3C



004D63



# Sweetspot

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



6C2D49



8C737E



502D6C



47383F



C7C7C7



474747



# Same Dimension

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



6C2D49



8C2A56



6C302D



363033



750034



F5006D



# Inverse Universe

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



6C2D49



8C2A56



2D696C



363033



750034

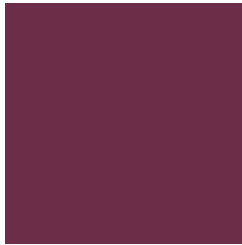


F5006D



# Previews

## White Background



This preview shows how the Hex color 6C2D49 looks on a white background.

## Color Contrast Check

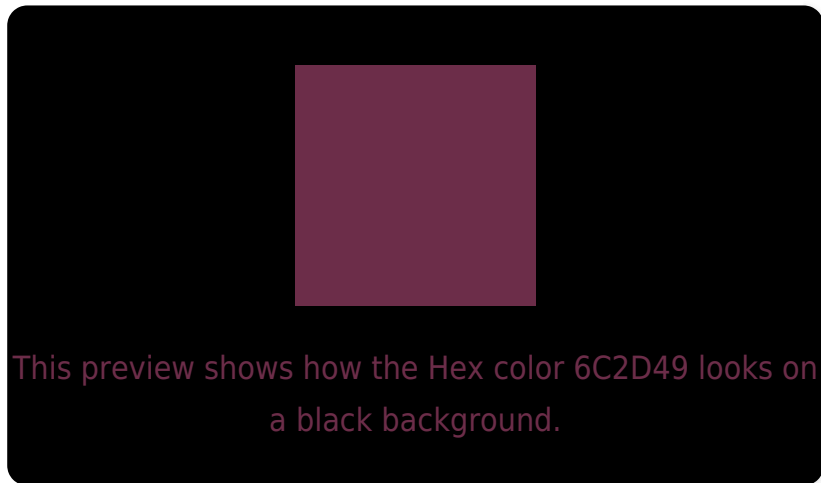
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C2D49 Background



This preview shows how black text looks on a background with the Hex color 6C2D49.



This preview shows how white text looks on a background with the Hex color 6C2D49.

# 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**  
6C2D49

**Protanopia**  
3E4357

**Deuteranopia**  
494146



**Tritanopia**  
6A3135

# Trichromacy



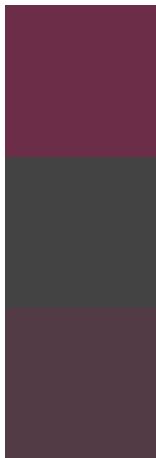
**Original Color**  
6C2D49

**Protanomaly**  
4F3B52

**Deuteranomaly**  
563A47

**Tritanomaly**  
6B303C

# Monochromacy



**Original Color**  
6C2D49

**Achromatopsia**  
434343

**Achromatomaly**  
523B45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C2D49 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 #6C2D49 looks like.

```
.text, #text, p{  
    color:#6C2D49  
}
```

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 #6C2D49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C2D49
}
```

## Border

The CSS property to change the border of an element to Hex 6C2D49 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
#6C2D49 }
```

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

```
.border{ border-color:#6C2D49 }
```

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

Here you see how a box with a 4 pixel #6C2D49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C2D49; -webkit-box-shadow:4px 4px  
4px 4px #6C2D49; box-shadow:4px 4px 4px  
4px #6C2D49 }
```

# Background

The CSS property to change the background color of an element to Hex 6C2D49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C2D49 }
```

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

```
.background{ background-color:#6C2D49 }
```

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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