

# Converting Colors

Hex(6C2447)

Have a look what the booklet for  
Hex(6C2447) contains.

<b>Hex(6C2447)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6C2447)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C2447
RGB	108, 36, 71
RGB Percent	42%, 14%, 28%
CMY	0.5765, 0.8588, 0.7216
CMYK	0.00, 0.67, 0.34, 0.58
HSL	331°, 50%, 28%
HSV	331°, 67%, 42%
XYZ	7.9525, 4.9048, 6.4888
YIQ	61.5180, 31.6770, 26.1490

# Conversions

## Conversions Part 2

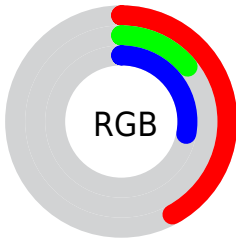
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 36, 71
Decimal	7087175
CIE <sub>Lab</sub>	26.46, 35.66, -4.91
CIE <sub>LCh</sub>	26, 36.000, 352.160
Yxy	4.9048, 0.4111, 0.2535
Android (android.graphics.Color)	4285277255 (0xFF6C2447)
YUV	61.5180, 4.6746, 40.7647
Hunter-Lab	22.1469, 25.3393, -1.8686

# Details

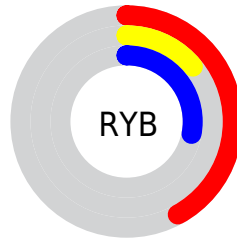
The Hex color **6C2447** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **246C49**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **A25677**, and **39001C** is the 20% darker color. If you saturate the color by 10%, you get **6C1941**, and if you desaturate by 10%, it is **6C2F4D**.

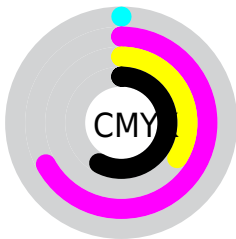
# Distribution



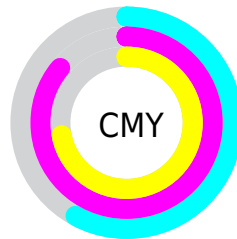
- Red (42%)
- Green (14%)
- Blue (28%)



- Red (42%)
- Yellow (14%)
- Blue (28%)



- Cyan (0%)
- Magenta (67%)
- Yellow (34%)
- Black (58%)



- Cyan (58%)
- Magenta (86%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C2447 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 6C2447 by changing the saturation by 10% instead.



 6C2447

 6C2447

FFFFFF

 520831

 A25677

 39001C

 BE6F91

 220001

 DB89AB

 000000

 F8A4C7

 FFC0E3

 FFDCFF

 FFF9FF

 6C2447

 6C2447

6C1941

6C2F4D

6C0E3C

6C3A52

6C0436

6C4458

6C0035

6C4F5D

6C5A63

6C6568

6C706E

6C7A73

6C8579

# Harmonies

## Analogous

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



592E61



6C2447



6F252C

# Triad

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



6C2447



384304



00496A

# Complementary

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



6C2447



246C49

# 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.



004B53



6C2447



13481B

# Square

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



6C2447



523B01



004B36



004475

# Rectangle

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



6C2447



6A2C1B



004B36



004A63



# Sweetspot

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



6C2447



8C707E



48246C



47363F



C7C7C7



474747



# Same Dimension

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



6C2447



8C1C53



6C2424



363033



750039



F50077



# Inverse Universe

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



6C2447



8C1C53



246C6C



363033



750039

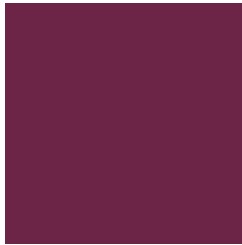


F50077



# Previews

## White Background



This preview shows how the Hex color 6C2447 looks on a white background.

## Color Contrast Check

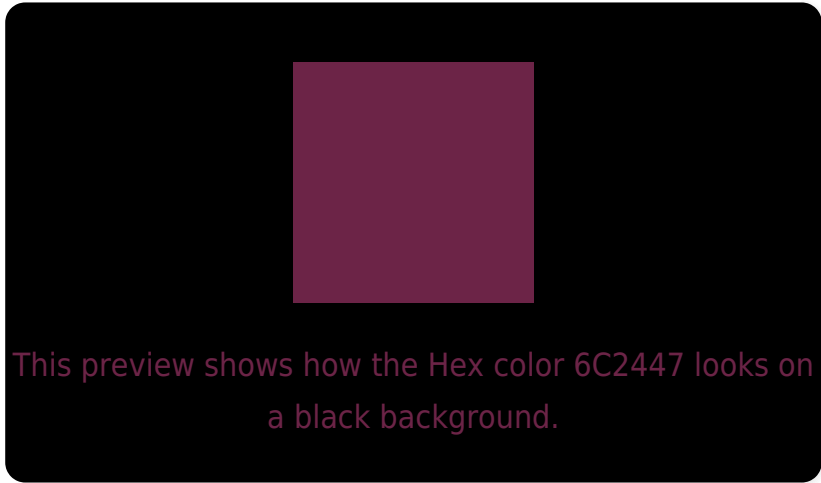
Large Text (above 18pt) WCAG AA ✓ Pass

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

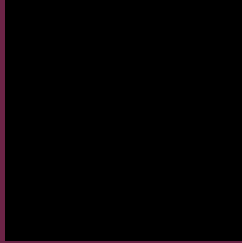
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C2447 Background



This preview shows how black text looks on a background with the Hex color 6C2447.



This preview shows how white text looks on a background with the Hex color 6C2447.

# 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**  
6C2447

**Protanopia**  
383F59

**Deuteranopia**  
443E43



**Tritanopia**  
6A2A2D

# Trichromacy



**Original Color**  
6C2447

**Protanomaly**  
4B3552

**Deuteranomaly**  
533544

**Tritanomaly**  
6B2836

# Monochromacy



**Original Color**  
6C2447

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
4F3541

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C2447 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 #6C2447 looks like.

```
.text, #text, p{  
    color:#6C2447  
}
```

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 #6C2447 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C2447
}
```

## Border

The CSS property to change the border of an element to Hex 6C2447 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
#6C2447 }
```

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

```
.border{ border-color:#6C2447 }
```

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

Here you see how a box with a 4 pixel #6C2447 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C2447; -webkit-box-shadow:4px 4px  
4px 4px #6C2447; box-shadow:4px 4px 4px  
4px #6C2447 }
```

# Background

The CSS property to change the background color of an element to Hex 6C2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C2447 }
```

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

```
.background{ background-color:#6C2447 }
```

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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