

# Converting Colors

Hex(6C3150)

Have a look what the booklet for  
Hex(6C3150) contains.

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# Color

**Hex(6C3150)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C3150
RGB	108, 49, 80
RGB Percent	42%, 19%, 31%
CMY	0.5765, 0.8078, 0.6863
CMYK	0.00, 0.55, 0.26, 0.58
HSL	328°, 38%, 31%
HSV	328°, 55%, 42%
XYZ	8.7306, 5.9640, 8.2804
YIQ	70.1750, 25.2130, 22.1490

# Conversions

## Conversions Part 2

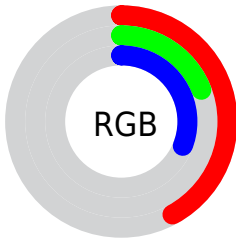
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 49, 80
Decimal	7090512
CIE Lab	29.32, 30.25, -6.59
CIE LCh	29, 30.960, 347.702
Yxy	5.9640, 0.3800, 0.2596
Android (android.graphics.Color)	4285280592 (0xFF6C3150)
YUV	70.1750, 4.8437, 33.1725
Hunter-Lab	24.4212, 21.0769, -3.0084

# Details

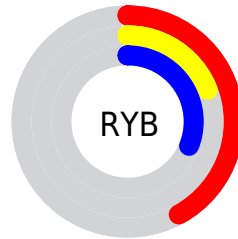
The Hex color **6C3150** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **316C4D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A16281**, and **3A0124** is the 20% darker color. If you saturate the color by 10%, you get **6C264B**, and if you desaturate by 10%, it is **6C3C55**.

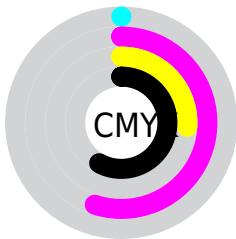
# Distribution



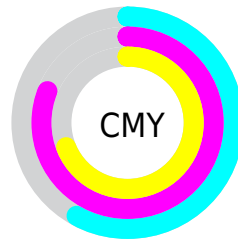
- Red (42%)
- Green (19%)
- Blue (31%)



- Red (42%)
- Yellow (19%)
- Blue (31%)



- Cyan (0%)
- Magenta (55%)
- Yellow (26%)
- Black (58%)



- Cyan (58%)
- Magenta (81%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C3150 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 6C3150 by changing the saturation by 10% instead.



 6C3150

 6C3150

FFFFFF

 531939

 A16281

 3A0124

 BD7B9B

 26000E

 D995B6

 000000

 F6B0D2

 FFCCEE

 FFE9FF

 6C3150

 6C3150

 6C264B

 6C3C55

6C1B46

6C475A

6C1141

6C515F

6C063B

6C5C65

6C0039

6C676A

6C726F

6C7D74

6C8779

6C927E

# Harmonies

## Analogous

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



583966



6C3150



713038

# Triad

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



6C3150



454814



004F68

# Complementary

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



6C3150



316C4D

# 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.



005153



6C3150



294D23

# Square

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



6C3150



5B4014



00503A



004B74

# Rectangle

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



6C3150



6E3429



00503A



005062



# Sweetspot

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



6C3150



8C7682



4D316C



473A41



C7C7C7



474747



# Same Dimension

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



6C3150



8C3060



6C3133



363033



75003E



F50081



# Inverse Universe

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



6C3150



8C3060



316C6A



363033



75003E

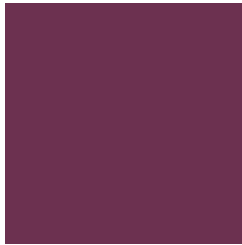


F50081



# Previews

## White Background



This preview shows how the Hex color 6C3150 looks on a white background.

## Color Contrast Check

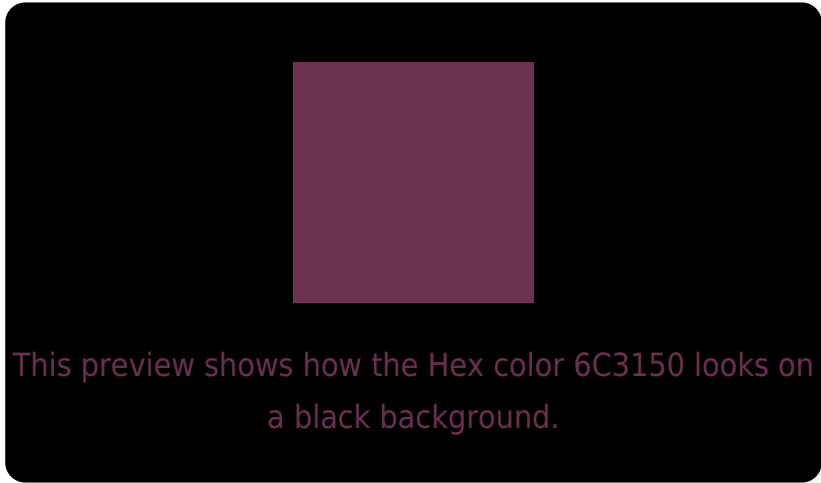
Large Text (above 18pt) WCAG AA ✓ Pass

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

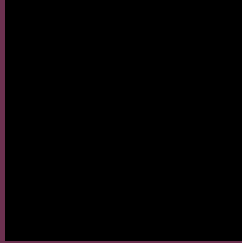
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C3150 Background



This preview shows how black text looks on a background with the Hex color 6C3150.



This preview shows how white text looks on a background with the Hex color 6C3150.

# 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**  
6C3150

**Protanopia**  
3F455E

**Deuteranopia**  
49444D



**Tritanopia**  
6A363A

# Trichromacy



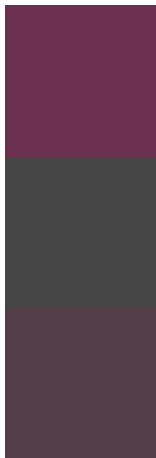
**Original Color**  
6C3150

**Protanomaly**  
4F3E59

**Deuteranomaly**  
563D4E

**Tritanomaly**  
6B3442

# Monochromacy



**Original Color**  
6C3150

**Achromatopsia**  
464646

**Achromatomaly**  
543E4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C3150 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 #6C3150 looks like.

```
.text, #text, p{  
    color:#6C3150  
}
```

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 #6C3150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C3150
}
```

## Border

The CSS property to change the border of an element to Hex 6C3150 is called "border". The border property can be set on classes, ids or directly on the HTML element.

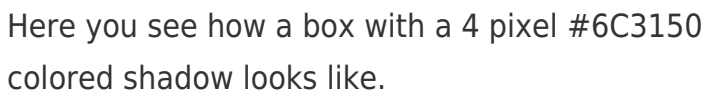
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C3150 }
```

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

```
.border{ border-color:#6C3150 }
```

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



Here you see how a box with a 4 pixel #6C3150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C3150; -webkit-box-shadow:4px 4px  
4px 4px #6C3150; box-shadow:4px 4px 4px  
4px #6C3150 }
```

# Background

The CSS property to change the background color of an element to Hex 6C3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C3150 }
```

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

```
.background{ background-color:#6C3150 }
```

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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