

# Converting Colors

Hex(6C3C71)

Have a look what the booklet for  
Hex(6C3C71) contains.

<b>Hex(6C3C71)</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(6C3C71)

# Conversions

## Conversions Part 1

Format	Color
Hex	6C3C71
RGB	108, 60, 113
RGB Percent	42%, 24%, 44%
CMY	0.5765, 0.7647, 0.5569
CMYK	0.04, 0.47, 0.00, 0.56
HSL	294°, 31%, 34%
HSV	294°, 47%, 44%
XYZ	10.7808, 7.6121, 16.5239
YIQ	80.3940, 11.5950, 26.6590

# Conversions

## Conversions Part 2

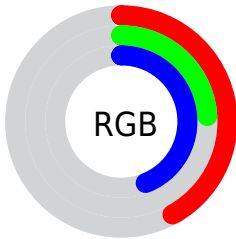
Format	Color
R <sub>Y</sub> B	108, 60, 113
Decimal	7093361
CIE Lab	33.16, 30.13, -21.92
CIE LCh	33, 37.258, 323.966
Yxy	7.6121, 0.3088, 0.2180
Android (android.graphics.Color)	4285283441 (0xFF6C3C71)
YUV	80.3940, 16.0748, 24.2105
Hunter-Lab	27.5901, 21.4664, -16.1961

# Details

The Hex color **6C3C71** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **41713C**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **A16DA5**, and **3B0D41** is the 20% darker color. If you saturate the color by 10%, you get **6B3171**, and if you desaturate by 10%, it is **6D4771**.

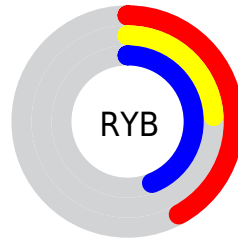
# Distribution



Red (42%)

Green (24%)

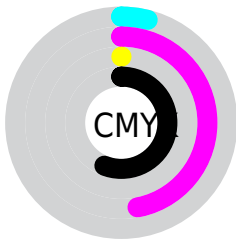
Blue (44%)



Red (42%)

Yellow (24%)

Blue (44%)

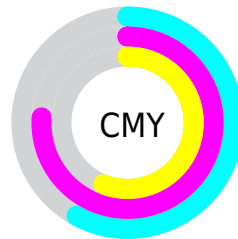


Cyan (4%)

Magenta (47%)

Yellow (0%)

Black (56%)



Cyan (58%)

Magenta (76%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C3C71 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 6C3C71 by changing the saturation by 10% instead.



6C3C71

6C3C71

FFFFFF

532558

A16DA5

3B0D41

BC87C0

25002B

D8A1DC

000015

F5BDF9

000000

FFD9FF

FFF5FF

6C3C71

6C3C71

6B3171

6D4771

6A2571

6E5371

691A71

6F5E71

680F71

706971

670371

717471

660071

728071

738B71

759671

76A271

# Harmonies

## Analogous

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



444984



6C3C71



803355

# Triad

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



6C3C71



624A0E



005C65

# Complementary

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



6C3C71



41713C

# 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.



005C47



6C3C71



465313

# Square

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



6C3C71



783F1F



20592A



00597D

# Rectangle

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



6C3C71



843341



20592A



005C5B



# Sweetspot

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



6C3C71



927F94



3C4171



493D4A



C9C9C9



4A4A4A



# Same Dimension

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



6C3C71



8C4194



713C5C



383238



6D0078



E000F7



# Inverse Universe

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



713C41



944149



3C7151



383233



78000B



F70017



# Previews

## White Background



This preview shows how the Hex color 6C3C71 looks on a white background.

## Color Contrast Check

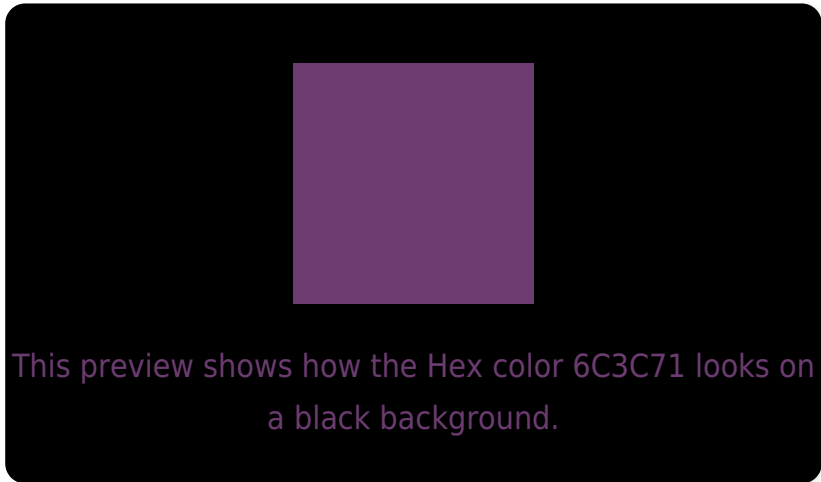
Large Text (above 18pt) WCAG AA ✓ Pass

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

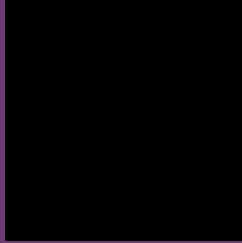
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C3C71 Background



This preview shows how black text looks on a background with the Hex color 6C3C71.




This preview shows how white text looks on a background with the Hex color 6C3C71.

# 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





**Tritanopia**  
67454A

# Trichromacy



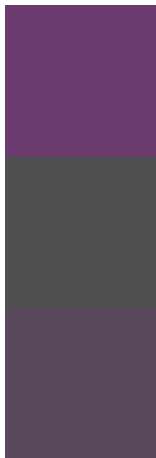
**Original Color**  
6C3C71

**Protanomaly**  
4D477A

**Deuteranomaly**  
53476F

**Tritanomaly**  
694258

# Monochromacy



**Original Color**  
6C3C71

**Achromatopsia**  
505050

**Achromatomaly**  
5A495C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C3C71 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 #6C3C71 looks like.

```
.text, #text, p{  
    color:#6C3C71  
}
```

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 #6C3C71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C3C71  
}
```

## Border

The CSS property to change the border of an element to Hex 6C3C71 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  
#6C3C71 }
```

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

```
.border{ border-color:#6C3C71 }
```

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

Here you see how a box with a 4 pixel #6C3C71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C3C71; -webkit-box-shadow:4px 4px  
4px 4px #6C3C71; box-shadow:4px 4px 4px  
4px #6C3C71 }
```

# Background

The CSS property to change the background color of an element to Hex 6C3C71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C3C71 }
```

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

```
.background{ background-color:#6C3C71 }
```

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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