

# Converting Colors

Hex(6C3D72)

Have a look what the booklet for  
Hex(6C3D72) contains.

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# Color

**Hex(6C3D72)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C3D72
RGB	108, 61, 114
RGB Percent	42%, 24%, 45%
CMY	0.5765, 0.7608, 0.5529
CMYK	0.05, 0.46, 0.00, 0.55
HSL	293°, 30%, 34%
HSV	293°, 46%, 45%
XYZ	10.8903, 7.7405, 16.8397
YIQ	81.0950, 10.9990, 26.4470

# Conversions

## Conversions Part 2

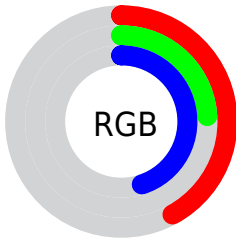
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 61, 114
Decimal	7093618
CIE <sub>Lab</sub>	33.44, 29.76, -22.12
CIE <sub>LCh</sub>	33, 37.081, 323.379
Yxy	7.7405, 0.3070, 0.2182
Android (android.graphics.Color)	4285283698 (0xFF6C3D72)
YUV	81.0950, 16.2222, 23.5957
Hunter-Lab	27.8218, 21.1824, -16.4111

# Details

The Hex color **6C3D72** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **43723D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A16EA6**, and **3B0E42** is the 20% darker color. If you saturate the color by 10%, you get **6B3272**, and if you desaturate by 10%, it is **6D4872**.

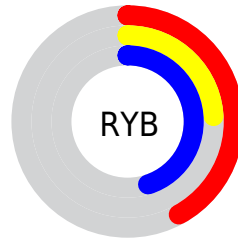
# Distribution



Red (42%)

Green (24%)

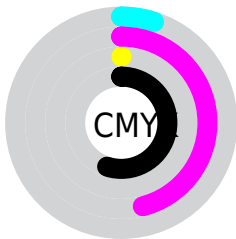
Blue (45%)



Red (42%)

Yellow (24%)

Blue (45%)

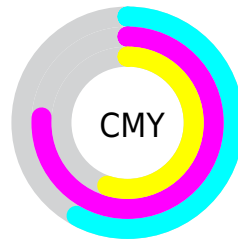


Cyan (5%)

Magenta (46%)

Yellow (0%)

Black (55%)



Cyan (58%)

Magenta (76%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C3D72 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 6C3D72 by changing the saturation by 10% instead.



 6C3D72

 6C3D72

FFFFFF

 532659


 A16EA6

 3B0E42

 BC88C1

 25002B

 D8A2DD

 000016

 F5BEFA

 000000

 FFDAFF

 FFF6FF

 6C3D72

 6C3D72

 6B3272

 6D4872

692672

6F5472

681B72

705F72

670F72

716B72

660472

727672

650072

748172

758D72

769872

78A472

# Harmonies

## Analogous

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



444A85



6C3D72



803456

# Triad

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



6C3D72



644B0F



005D65

# Complementary

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



6C3D72



43723D

# 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



6C3D72



485414

# Square

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



6C3D72



793F20



225A2A



005A7D

# Rectangle

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



6C3D72



843443



225A2A



005D5B



# Sweetspot

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



6C3D72



927F94



3D4372



493D4A



C9C9C9



4A4A4A



# Same Dimension

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



6C3D72



8B4194



723D5E



373238



6A0078



DB00F7



# Inverse Universe

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



723D43



94414A



3D7251



383233



78000E



F7001C



# Previews

## White Background



This preview shows how the Hex color 6C3D72 looks on a white background.

## Color Contrast Check

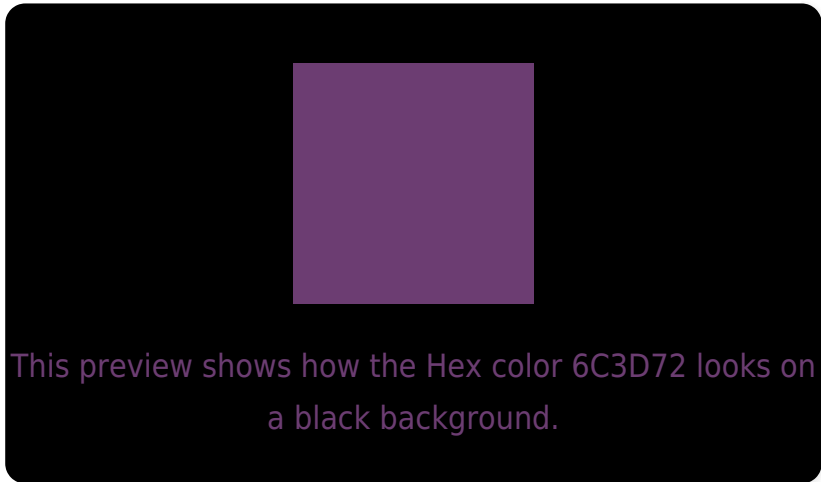
Large Text (above 18pt) WCAG AA ✓ Pass

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

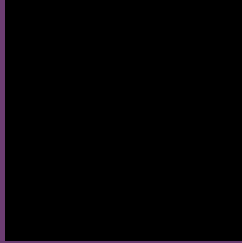
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C3D72 Background



This preview shows how black text looks on a background with the Hex color 6C3D72.



This preview shows how white text looks on a background with the Hex color 6C3D72.

# 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**  
6C3D72

**Protanopia**  
3B4D80

**Deuteranopia**  
444E6F



**Tritanopia**  
67464B

# Trichromacy



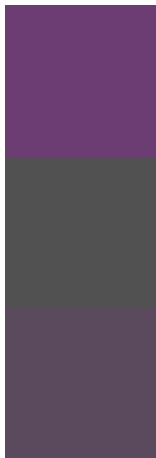
**Original Color**  
6C3D72

**Protanomaly**  
4D477B

**Deuteranomaly**  
534870

**Tritanomaly**  
694359

# Monochromacy



**Original Color**  
6C3D72

**Achromatopsia**  
515151

**Achromatomaly**  
5B4A5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C3D72 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 #6C3D72 looks like.

```
.text, #text, p{  
    color:#6C3D72  
}
```

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 #6C3D72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C3D72
}
```

## Border

The CSS property to change the border of an element to Hex 6C3D72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

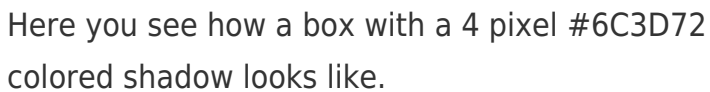
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C3D72 }
```

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

```
.border{ border-color:#6C3D72 }
```

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



Here you see how a box with a 4 pixel #6C3D72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C3D72; -webkit-box-shadow:4px 4px  
4px 4px #6C3D72; box-shadow:4px 4px 4px  
4px #6C3D72 }
```

# Background

The CSS property to change the background color of an element to Hex 6C3D72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C3D72 }
```

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

```
.background{ background-color:#6C3D72 }
```

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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