

# Converting Colors

Hex(6C3761)

Have a look what the booklet for  
Hex(6C3761) contains.

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# Color

**Hex(6C3761)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C3761
RGB	108, 55, 97
RGB Percent	42%, 22%, 38%
CMY	0.5765, 0.7843, 0.6196
CMYK	0.00, 0.49, 0.10, 0.58
HSL	312°, 33%, 32%
HSV	312°, 49%, 42%
XYZ	9.7082, 6.7836, 12.1069
YIQ	75.6350, 18.1060, 24.2980

# Conversions

## Conversions Part 2

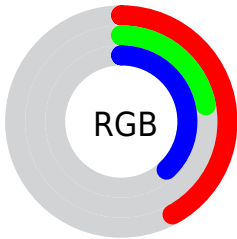
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 55, 97
Decimal	7092065
CIE <sub>Lab</sub>	31.31, 29.81, -14.61
CIE <sub>LCh</sub>	31, 33.192, 333.893
Yxy	6.7836, 0.3395, 0.2372
Android (android.graphics.Color)	4285282145 (0xFF6C3761)
YUV	75.6350, 10.5329, 28.3841
Hunter-Lab	26.0453, 20.9552, -9.3287

# Details

The Hex color **6C3761** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **376C42**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **A16894**, and **3B0732** is the 20% darker color. If you saturate the color by 10%, you get **6C2C5F**, and if you desaturate by 10%, it is **6C4263**.

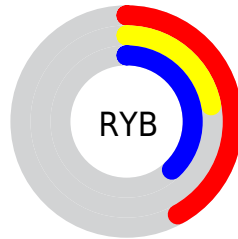
# Distribution



Red (42%)

Green (22%)

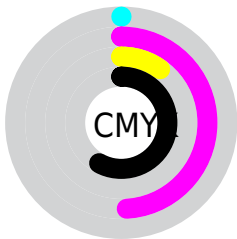
Blue (38%)



Red (42%)

Yellow (22%)

Blue (38%)

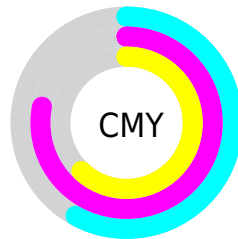


Cyan (0%)

Magenta (49%)

Yellow (10%)

Black (58%)



Cyan (58%)

Magenta (78%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C3761 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 6C3761 by changing the saturation by 10% instead.



6C3761

6C3761

FFFFFF

532049

A16894

3B0732

BC81AE

27001E

D89CCA

000000

F5B7E6

FFD3FF

FFEFFF

6C3761

6C3761

6C2C5F

6C4263

6C215D

6C4D65

6C175A

6C5768

6C0C58

6C626A

6C0156

6C6D6C

6C0056

6C786E

6C8371

6C8D73

6C9875

# Harmonies

## Analogous

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



4F4175



6C3761



793247

# Triad

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



6C3761



554912



005666

# Complementary

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



6C3761



376C42

# 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.



00564C



6C3761



3A501C

# Square

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



6C3761



6A401A



115532



005278

# Rectangle

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



6C3761



793436



115532



00565E



# Sweetspot

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



6C3761



8C7788



42376C



473B45



C7C7C7



474747



# Same Dimension

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



6C3761



8C3A7B



6C3747



363034



75005D



F500C2



# Inverse Universe

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



6C3761



8C3A7B



376C5C



363034



75005D

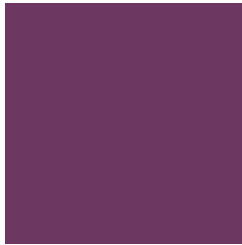


F500C2



# Previews

## White Background



This preview shows how the Hex color 6C3761 looks on a white background.

## Color Contrast Check

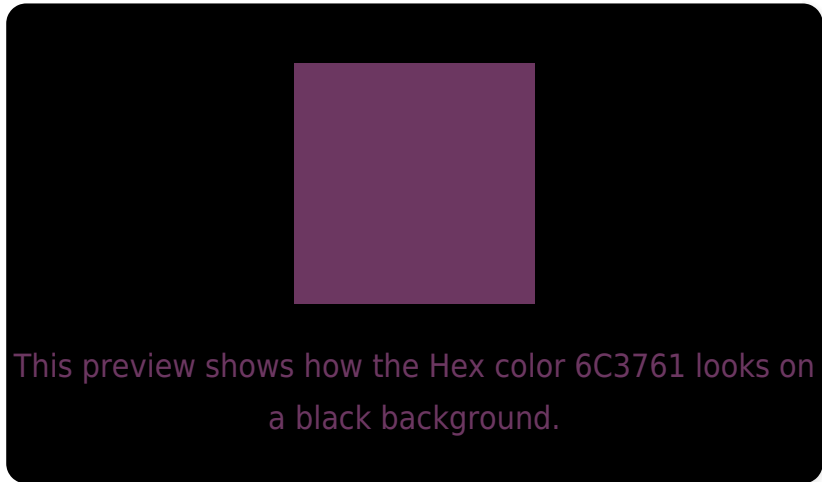
Large Text (above 18pt) WCAG AA ✓ Pass

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

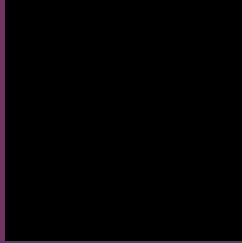
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C3761 Background



This preview shows how black text looks on a background with the Hex color 6C3761.



This preview shows how white text looks on a background with the Hex color 6C3761.

# 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](#).

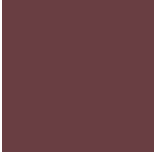
## Dichromacy



**Original Color**  
6C3761

**Protanopia**  
3D496F

**Deuteranopia**  
47495E



**Tritanopia**  
693E42

# Trichromacy



**Original Color**  
6C3761

**Protanomaly**  
4E26A

**Deuteranomaly**  
54425F

**Tritanomaly**  
6A3B4D

# Monochromacy



**Original Color**  
6C3761

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
584454

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C3761 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 #6C3761 looks like.

```
.text, #text, p{  
    color:#6C3761  
}
```

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 #6C3761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C3761
}
```

## Border

The CSS property to change the border of an element to Hex 6C3761 is called "border". The border property can be set on classes, ids or directly on the HTML element.

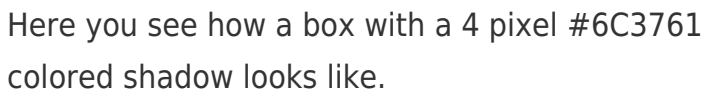
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C3761 }
```

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

```
.border{ border-color:#6C3761 }
```

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



Here you see how a box with a 4 pixel #6C3761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C3761; -webkit-box-shadow:4px 4px  
4px 4px #6C3761; box-shadow:4px 4px 4px  
4px #6C3761 }
```

# Background

The CSS property to change the background color of an element to Hex 6C3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C3761 }
```

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

```
.background{ background-color:#6C3761 }
```

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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