

# Converting Colors

Hex(7C3762)

Have a look what the booklet for  
Hex(7C3762) contains.

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# Color

Hex(7C3762)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C3762
RGB	124, 55, 98
RGB Percent	49%, 22%, 38%
CMY	0.5137, 0.7843, 0.6157
CMYK	0.00, 0.56, 0.21, 0.51
HSL	323°, 39%, 35%
HSV	323°, 56%, 49%
XYZ	11.8830, 7.8993, 12.4537
YIQ	80.5330, 27.3210, 28.0010

# Conversions

## Conversions Part 2

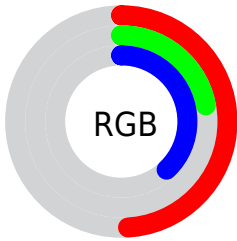
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 55, 98
Decimal	8140642
CIE Lab	33.77, 35.48, -11.27
CIE LCh	34, 37.226, 342.379
Yxy	7.8993, 0.3686, 0.2450
Android (android.graphics.Color)	4286330722 (0xFF7C3762)
YUV	80.5330, 8.6112, 38.1206
Hunter-Lab	28.1057, 26.2841, -6.5975

# Details

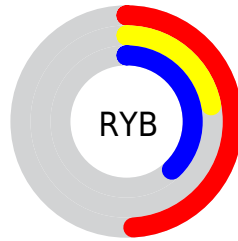
The Hex color **7C3762** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **377C51**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B26995**, and **480233** is the 20% darker color. If you saturate the color by 10%, you get **7C2B5D**, and if you desaturate by 10%, it is **7C4367**.

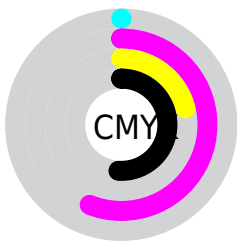
# Distribution



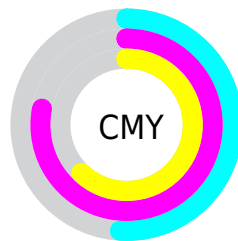
- Red (49%)
- Green (22%)
- Blue (38%)



- Red (49%)
- Yellow (22%)
- Blue (38%)



- Cyan (0%)
- Magenta (56%)
- Yellow (21%)
- Black (51%)



- Cyan (51%)
- Magenta (78%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C3762 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 7C3762 by changing the saturation by 10% instead.



 7C3762

 7C3762

FFFFFF

 621E4A

 B26995

 480233

 CF83AF

 31001E

 EB9ECB

 130002

 FFB9E7

 000000

 FFD5FF

 FFF2FF

 7C3762

 7C3762

 7C2B5D

 7C4367

7C1E59

7C506B

7C1254

7C5C70

7C054F

7C6975

7C004D

7C7579

7C817E

7C8E83

7C9A87

7CA78C

# Harmonies

## Analogous

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



61427B



7C3762



853444

# Triad

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



7C3762



535210



005C77

# Complementary

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



7C3762



377C51

# 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.



005E5B



7C3762



335921

# Square

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



7C3762



6D4814



005C3C



005787

# Rectangle

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



7C3762



833832



005C3C



005D6E



# Sweetspot

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



7C3762



A18596



50377C



52414B



D1D1D1



525252



# Same Dimension

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



7C3762



A13578



7C3740



3D373B



7D004E



FC009D



# Inverse Universe

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



7C3762



A13578



377C73



3D373B



7D004E

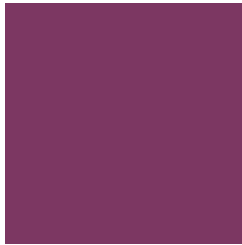


FC009D



# Previews

## White Background



This preview shows how the Hex color 7C3762 looks on a white background.

## Color Contrast Check

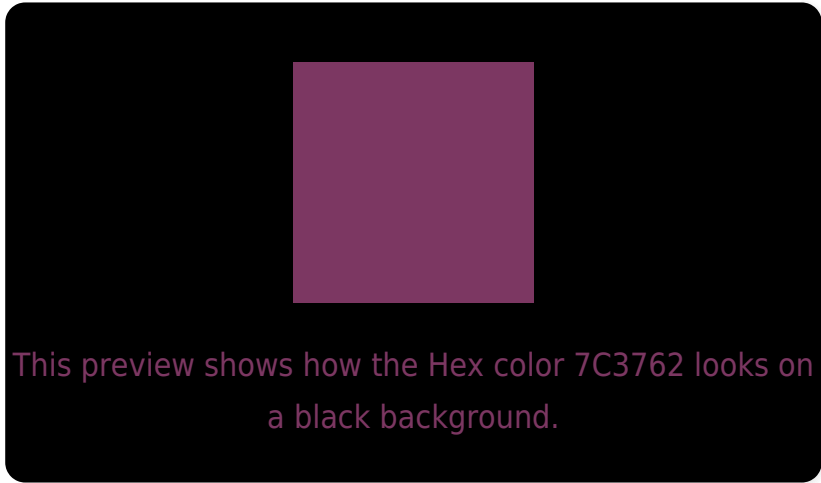
Large Text (above 18pt) WCAG AA ✓ Pass

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

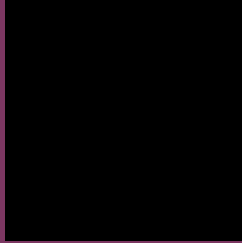
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C3762 Background



This preview shows how black text looks on a background with the Hex color 7C3762.



This preview shows how white text looks on a background with the Hex color 7C3762.

# 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**  
793E43

# Trichromacy



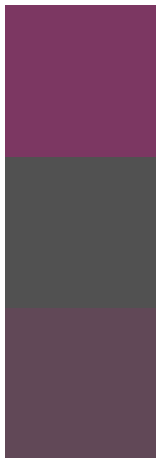
**Original Color**  
7C3762

**Protanomaly**  
58466D

**Deuteranomaly**  
61465F

**Tritanomaly**  
7A3B4E

# Monochromacy



**Original Color**  
7C3762

**Achromatopsia**  
515151

**Achromatomaly**  
614857

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C3762 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 #7C3762 looks like.

```
.text, #text, p{  
    color:#7C3762  
}
```

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 #7C3762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C3762
}
```

## Border

The CSS property to change the border of an element to Hex 7C3762 is called "border". The border property can be set on classes, ids or directly on the HTML element.

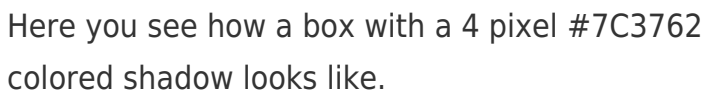
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C3762 }
```

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

```
.border{ border-color:#7C3762 }
```

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



Here you see how a box with a 4 pixel #7C3762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C3762; -webkit-box-shadow:4px 4px  
4px 4px #7C3762; box-shadow:4px 4px 4px  
4px #7C3762 }
```

# Background

The CSS property to change the background color of an element to Hex 7C3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C3762 }
```

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

```
.background{ background-color:#7C3762 }
```

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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