

Converting Colors

Hex(6C3762)

Have a look what the booklet for
Hex(6C3762) contains.

Hex(6C3762)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6C3762)

Conversions

Conversions Part 1

Format	Color
Hex	6C3762
RGB	108, 55, 98
RGB Percent	42%, 22%, 38%
CMY	0.5765, 0.7843, 0.6157
CMYK	0.00, 0.49, 0.09, 0.58
HSL	311°, 33%, 32%
HSV	311°, 49%, 42%
XYZ	9.7551, 6.8024, 12.3541
YIQ	75.7490, 17.7850, 24.6090

Conversions

Conversions Part 2

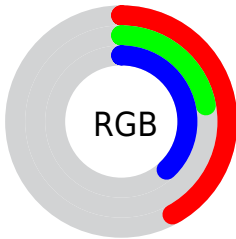
Format	Color
R_{YB}	108, 55, 98
Decimal	7092066
CIE _{Lab}	31.35, 29.99, -15.18
CIE _{LCh}	31, 33.617, 333.154
Yxy	6.8024, 0.3374, 0.2353
Android (android.graphics.Color)	4285282146 (0xFF6C3762)
YUV	75.7490, 10.9697, 28.2841
Hunter-Lab	26.0813, 21.1215, -9.8273

Details

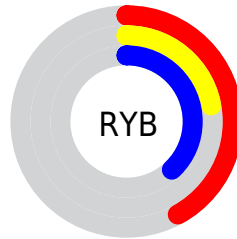
The Hex color **6C3762** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **376C41**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **A16895**, and **3B0733** is the 20% darker color. If you saturate the color by 10%, you get **6C2C60**, and if you desaturate by 10%, it is **6C4264**.

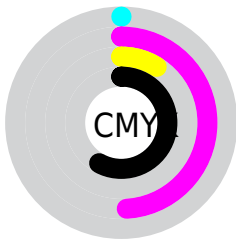
Distribution



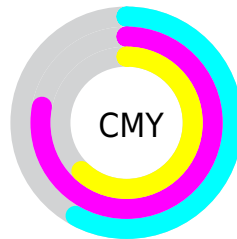
- Red (42%)
- Green (22%)
- Blue (38%)



- Red (42%)
- Yellow (22%)
- Blue (38%)



- Cyan (0%)
- Magenta (49%)
- Yellow (9%)
- Black (58%)



- Cyan (58%)
- Magenta (78%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C3762 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 6C3762 by changing the saturation by 10% instead.

 6C3762

 6C3762

FFFFFF

 53204A

 A16895

 3B0733

 BC81AF

 26001F

 D89CCB

 000001

 F5B7E7

 000000

 FFD3FF

 FFEFFF

 6C3762

 6C3762

 6C2C60

 6C4264

6C215E

6C4D66

6C175C

6C5768

6C0C5A

6C626A

6C0158

6C6D6C

6C0058

6C786E

6C8370

6C8D72

6C9874

Harmonies

Analogous

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



4E4276



6C3762



793248

Triad

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



6C3762



554911



005666

Complementary

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



6C3762



376C41

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.



00574C



6C3762



3A511B

Square

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



6C3762



6B401A



115531



005378

Rectangle

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



6C3762



7A3437



115531



00565E

Sweetspot

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



6C3762



8C7788



41376C



473B45



C7C7C7



474747

Same Dimension

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



6C3762



8C3A7D



6C3748



363035



75005F



F500C7

Inverse Universe

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



6C3762



8C3A7D



376C5B



363035



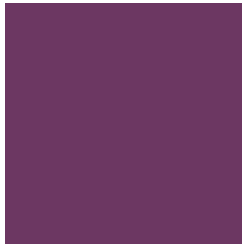
75005F



F500C7

Previews

White Background



This preview shows how the Hex color 6C3762 looks on a white background.

Color Contrast Check

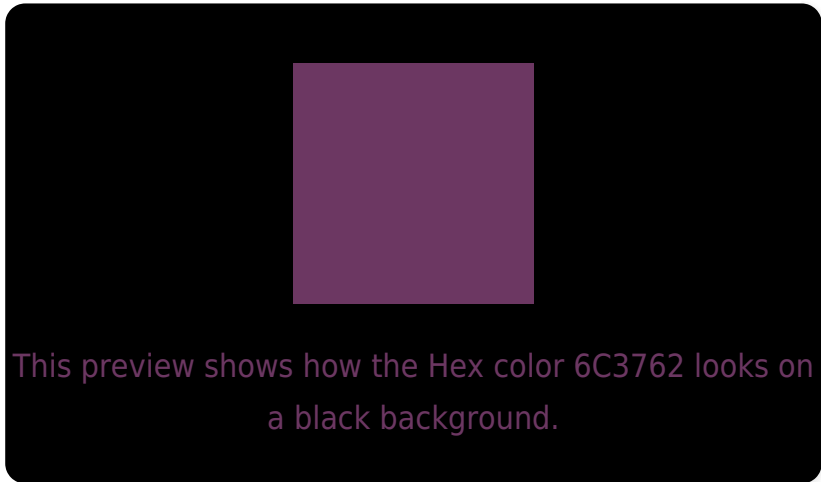
Large Text (above 18pt) WCAG AA ✓ Pass

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

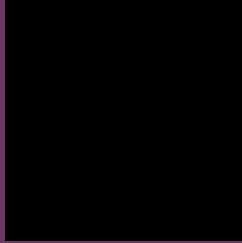
Any Text WCAG AA × Fail

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 6C3762 Background



This preview shows how black text looks on a background with the Hex color 6C3762.



This preview shows how white text looks on a background with the Hex color 6C3762.

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
683E43

Trichromacy



Original Color
6C3762

Protanomaly
4E26B

Deuteranomaly
544260

Tritanomaly
693B4E

Monochromacy



Original Color
6C3762

Achromatopsia
4C4C4C

Achromatomaly
584454

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C3762 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 #6C3762 looks like.

```
.text, #text, p{  
    color:#6C3762  
}
```

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 #6C3762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C3762  
}
```

Border

The CSS property to change the border of an element to Hex 6C3762 is called "border". The border property can be set on classes, ids or directly on the HTML element.

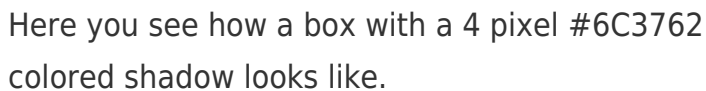
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6C3762 }
```

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

```
.border{ border-color:#6C3762 }
```

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



Here you see how a box with a 4 pixel #6C3762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C3762; -webkit-box-shadow:4px 4px  
4px 4px #6C3762; box-shadow:4px 4px 4px  
4px #6C3762 }
```

Background

The CSS property to change the background color of an element to Hex 6C3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C3762 }
```

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

```
.background{ background-color:#6C3762 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor