

Converting Colors

Hex(6C3F62)

Have a look what the booklet for
Hex(6C3F62) contains.

Hex(6C3F62)	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(6C3F62)

Conversions

Conversions Part 1

Format	Color
Hex	6C3F62
RGB	108, 63, 98
RGB Percent	42%, 25%, 38%
CMY	0.5765, 0.7529, 0.6157
CMYK	0.00, 0.42, 0.09, 0.58
HSL	313°, 26%, 34%
HSV	313°, 42%, 42%
XYZ	10.1665, 7.6250, 12.4912
YIQ	80.4450, 15.5850, 20.4250

Conversions

Conversions Part 2

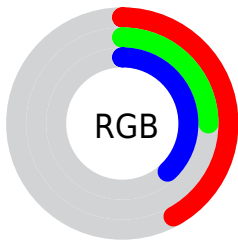
Format	Color
R _Y B	108, 63, 98
Decimal	7094114
CIE Lab	33.19, 25.32, -12.37
CIE LCh	33, 28.182, 333.962
Yxy	7.6250, 0.3357, 0.2518
Android (android.graphics.Color)	4285284194 (0xFF6C3F62)
YUV	80.4450, 8.6546, 24.1657
Hunter-Lab	27.6134, 17.3951, -7.4911

Details

The Hex color **6C3F62** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3F6C49**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **A07095**, and **3B1233** is the 20% darker color. If you saturate the color by 10%, you get **6C3460**, and if you desaturate by 10%, it is **6C4A64**.

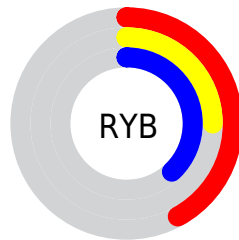
Distribution



Red (42%)

Green (25%)

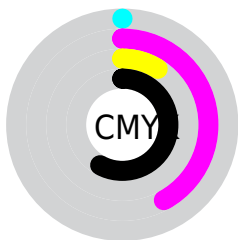
Blue (38%)



Red (42%)

Yellow (25%)

Blue (38%)

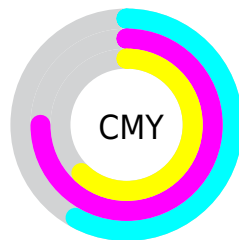


Cyan (0%)

Magenta (42%)

Yellow (9%)

Black (58%)



Cyan (58%)

Magenta (75%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C3F62 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 6C3F62 by changing the saturation by 10% instead.



6C3F62



6C3F62

FFFFFF



53284A



A07095



3B1233



BC8AAF



26001E



D8A4CB



000002



F5BFE7



000000



FFDBFF



FFF8FF



6C3F62



6C3F62



6C3460



6C4A64

■ 6C295D

■ 6C5567

■ 6C1F5B

■ 6C5F69

■ 6C1458

■ 6C6A6C

■ 6C0956

■ 6C756E

■ 6C0054

■ 6C8070

■ 6C8B73

■ 6C9575

■ 6CA078

Harmonies

Analogous

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



544773



6C3F62



773B4C

Triad

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



6C3F62



594E20



005966

Complementary

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



6C3F62



3F6C49

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.



005950



6C3F62



415428

Square

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



6C3F62



6B4626



24583A



005576

Rectangle

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



6C3F62



783D3D



24583A



00595F

Sweetspot

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



6C3F62



8C7A88



493F6C



473C45



C7C7C7



474747

Same Dimension

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



6C3F62



8C467D



6C3F4C



363034



75005B



F500BE

Inverse Universe

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



6C3F62



8C467D



3F6C5F



363034



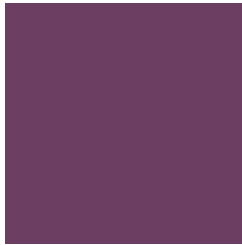
75005B



F500BE

Previews

White Background



This preview shows how the Hex color 6C3F62 looks on a white background.

Color Contrast Check

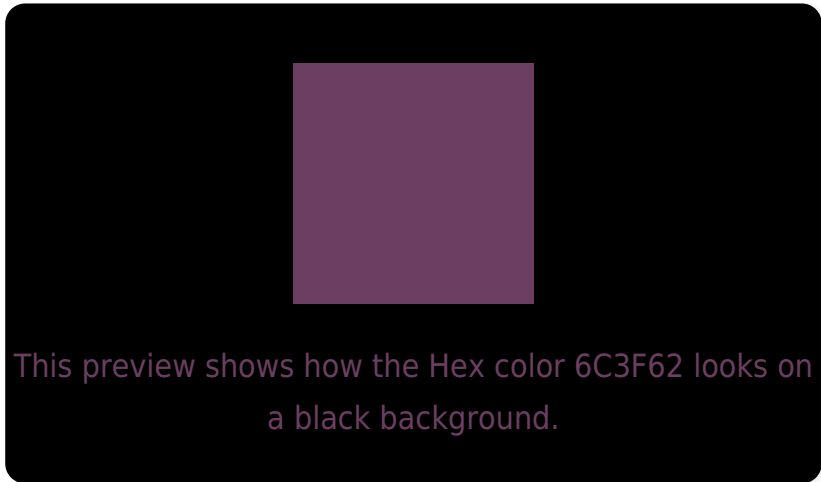
Large Text (above 18pt) WCAG AA ✓ Pass

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

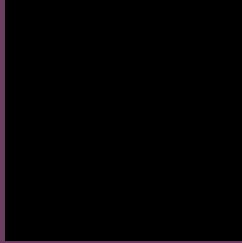
Any Text WCAG AA × Fail

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 6C3F62 Background



This preview shows how black text looks on a background with the Hex color 6C3F62.



This preview shows how white text looks on a background with the Hex color 6C3F62.

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
6C3F62

Protanopia
454D6D

Deuteranopia
4E4D60



Tritanopia
694449

Trichromacy



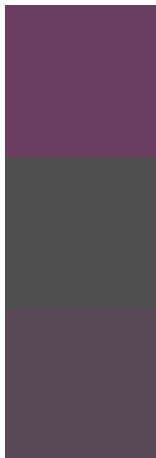
Original Color
6C3F62

Protanomaly
534869

Deuteranomaly
594861

Tritanomaly
6A4252

Monochromacy



Original Color
6C3F62

Achromatopsia
505050

Achromatomaly
5A4A57

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C3F62 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 #6C3F62 looks like.

```
.text, #text, p{  
    color:#6C3F62  
}
```

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 #6C3F62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C3F62
}
```

Border

The CSS property to change the border of an element to Hex 6C3F62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

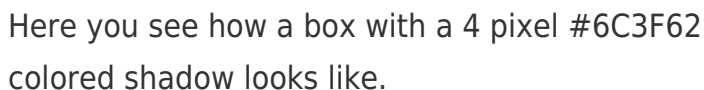
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C3F62 }
```

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

```
.border{ border-color:#6C3F62 }
```

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



Here you see how a box with a 4 pixel #6C3F62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C3F62; -webkit-box-shadow:4px 4px  
4px 4px #6C3F62; box-shadow:4px 4px 4px  
4px #6C3F62 }
```

Background

The CSS property to change the background color of an element to Hex 6C3F62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C3F62 }
```

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

```
.background{ background-color:#6C3F62 }
```

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