

# Converting Colors

Hex(6F5C86)

Have a look what the booklet for  
Hex(6F5C86) contains.

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# Color

**Hex(6F5C86)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F5C86
RGB	111, 92, 134
RGB Percent	44%, 36%, 53%
CMY	0.5647, 0.6392, 0.4745
CMYK	0.17, 0.31, 0.00, 0.47
HSL	267°, 19%, 44%
HSV	267°, 31%, 53%
XYZ	14.6858, 12.7550, 24.2422
YIQ	102.4690, -2.1580, 17.0900

# Conversions

## Conversions Part 2

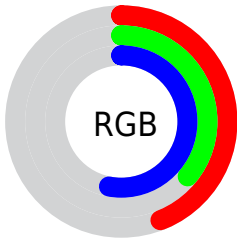
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 92, 134
Decimal	7298182
CIE <sub>Lab</sub>	42.39, 16.61, -20.54
CIE <sub>LCh</sub>	42, 26.419, 308.962
Yxy	12.7550, 0.2842, 0.2468
Android (android.graphics.Color)	4285488262 (0xFF6F5C86)
YUV	102.4690, 15.5448, 7.4817
Hunter-Lab	35.7142, 10.8998, -15.2451

# Details

The Hex color **6F5C86** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **73865C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A38EBB**, and **3E2E54** is the 20% darker color. If you saturate the color by 10%, you get **684F86**, and if you desaturate by 10%, it is **766986**.

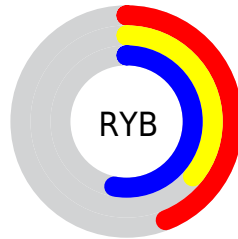
# Distribution



Red (44%)

Green (36%)

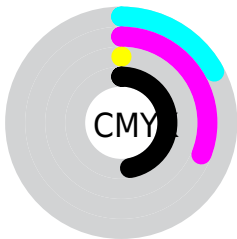
Blue (53%)



Red (44%)

Yellow (36%)

Blue (53%)

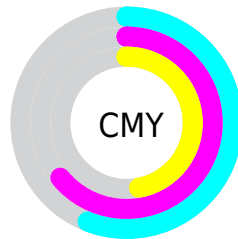


Cyan (17%)

Magenta (31%)

Yellow (0%)

Black (47%)



Cyan (56%)

Magenta (64%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F5C86 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 6F5C86 by changing the saturation by 10% instead.



6F5C86

6F5C86

FFFFFF

56446D

A38EBB

3E2E54

BEA9D7

28193D

DAC4F4

150027

F7E0FF

000111

FFFDFD

000000

6F5C86

6F5C86

684F86

766986

604186

7E7786

■ 593486

■ 858486

■ 522686

■ 8C9286

■ 4A1986

■ 949F86

■ 430C86

■ 9BAC86

■ 3D0086

■ A2BA86

■ AAC786

■ B1D586

# Harmonies

## Analogous

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



4F648F



6F5C86



855574

# Triad

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



6F5C86



7F5D3C



17706A

# Complementary

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



6F5C86



73865C

# 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.



396E54



6F5C86



6C6538

# Square

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



6F5C86



8C564A



546B41



006E7F

# Rectangle

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



6F5C86



8C5366



546B41



247063



# Sweetspot

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



6F5C86



A59EAD



5C7386



514D57



D6D6D6



575757



# Same Dimension

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



6F5C86



896CAD



845C86



3F3C42



3B0082



010003



# Inverse Universe

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



865C73



AD6C90



5E865C



423C3F



820047

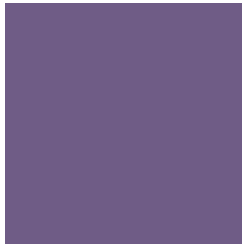


030001



# Previews

## White Background



This preview shows how the Hex color 6F5C86 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 × Fail

# Black Background



This preview shows how the Hex color 6F5C86 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

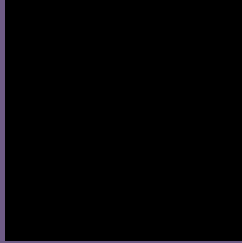
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F5C86 Background



This preview shows how black text looks on a background with the Hex color 6F5C86.



This preview shows how white text looks on a background with the Hex color 6F5C86.

# 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**  
6A6269

# Trichromacy



**Original Color**  
6F5C86

**Protanomaly**  
606089

**Deuteranomaly**  
636085

**Tritanomaly**  
6C6074

# Monochromacy



**Original Color**  
6F5C86

**Achromatopsia**  
666666

**Achromatomaly**  
696272

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F5C86 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 #6F5C86 looks like.

```
.text, #text, p{  
    color:#6F5C86  
}
```

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 #6F5C86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F5C86
}
```

## Border

The CSS property to change the border of an element to Hex 6F5C86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

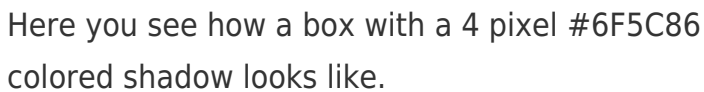
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F5C86 }
```

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

```
.border{ border-color:#6F5C86 }
```

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



Here you see how a box with a 4 pixel #6F5C86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F5C86; -webkit-box-shadow:4px 4px  
4px 4px #6F5C86; box-shadow:4px 4px 4px  
4px #6F5C86 }
```

# Background

The CSS property to change the background color of an element to Hex 6F5C86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F5C86 }
```

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

```
.background{ background-color:#6F5C86 }
```

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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