

Converting Colors

Hex(6F4A75)

Have a look what the booklet for
Hex(6F4A75) contains.

| | |
|--|----|
| Hex(6F4A75) | 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(6F4A75)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 6F4A75 |
| RGB | 111, 74, 117 |
| RGB Percent | 44%, 29%, 46% |
| CMY | 0.5647, 0.7098, 0.5412 |
| CMYK | 0.05, 0.37, 0.00, 0.54 |
| HSL | 292°, 23%, 37% |
| HSV | 292°, 37%, 46% |
| XYZ | 12.2152, 9.5614, 18.0313 |
| YIQ | 89.9650, 8.2490, 21.2170 |

Conversions

Conversions Part 2

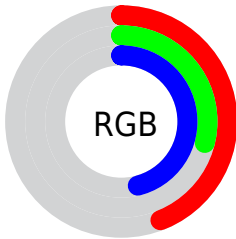
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 111, 74, 117 |
| Decimal | 7293557 |
| CIE _{Lab} | 37.04, 23.69, -18.38 |
| CIE _{LCh} | 37, 29.979, 322.198 |
| Yxy | 9.5614, 0.3069, 0.2402 |
| Android (android.graphics.Color) | 4285483637 (0xFF6F4A75) |
| YUV | 89.9650, 13.3283, 18.4477 |
| Hunter-Lab | 30.9215, 16.4017, -12.9288 |




Details

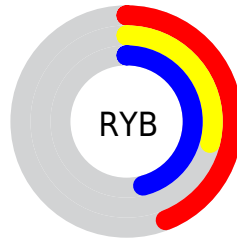
The Hex color **6F4A75** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **50754A**, and the grayscale version is **5A5A5A**.




A 20% lighter version of the original color is **A37BA9**, and **3E1D45** is the 20% darker color. If you saturate the color by 10%, you get **6D3E75**, and if you desaturate by 10%, it is **715675**.

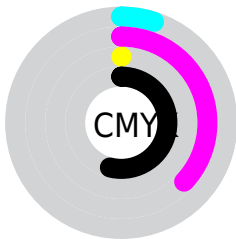
Distribution







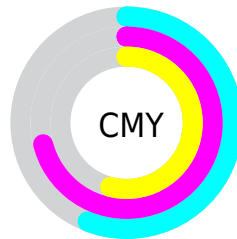
-  Red (44%)
-  Green (29%)
-  Blue (46%)






-  Red (44%)
-  Yellow (29%)
-  Blue (46%)



-  Cyan (5%)
-  Magenta (37%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (56%)
-  Magenta (71%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F4A75 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 6F4A75 by changing the saturation by 10% instead.

6F4A75

6F4A75

FFFFFF

56335C

A37BA9

3E1D45

BF95C5

27072E

DBB0E1

0D0019

F8CCFD

000000

FFE8FF

6F4A75

6F4A75

6D3E75

715675

6C3375

726175

6A2775

746D75

681B75

767975

670F75

778475

650475

799075

650075

7A9C75

7CA875

7EB375

Harmonies

Analogous

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



4F5384



6F4A75



81445F

Triad

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



6F4A75



6B5426



006369

Complementary

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



6F4A75



50754A

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.



066350



6F4A75



545B29

Square

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



6F4A75



7C4B32



376039



00617D

Rectangle

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



6F4A75



85434E



376039



006461

Sweetspot

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



6F4A75



978899



4A5075



4B434D



CCCCCC



4D4D4D

Same Dimension

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



6F4A75



905699



754A66



3A353B



69007A



D700FA

Inverse Universe

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



754A50



99565F



4A7559



3B3536



7A0011



FA0023

Previews

White Background



This preview shows how the Hex color 6F4A75 looks on a white background.

Color Contrast Check

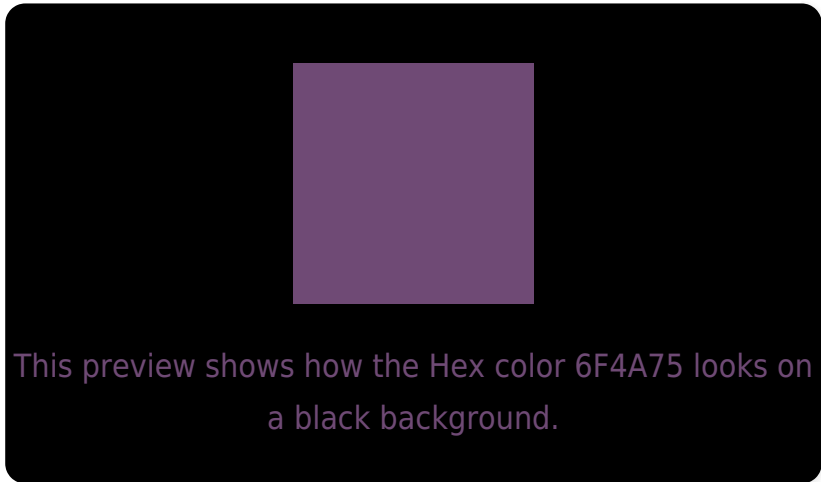
Large Text (above 18pt) WCAG AA ✓ Pass

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

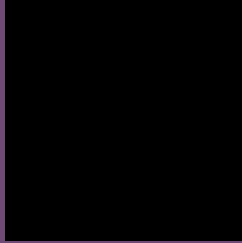
Any Text WCAG AA × Fail

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 6F4A75 Background



This preview shows how black text looks on a background with the Hex color 6F4A75.



This preview shows how white text looks on a background with the Hex color 6F4A75.

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
6F4A75

Protanopia
4A567E

Deuteranopia
515673



Tritanopia
6B5057

Trichromacy



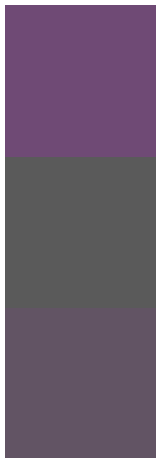
Original Color
6F4A75

Protanomaly
57527B

Deuteranomaly
5C5274

Tritanomaly
6C4E62

Monochromacy



Original Color
6F4A75

Achromatopsia
5A5A5A

Achromatomaly
625464

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F4A75 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 #6F4A75 looks like.

```
.text, #text, p{  
    color:#6F4A75  
}
```

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 #6F4A75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F4A75 }  
}
```

Border

The CSS property to change the border of an element to Hex 6F4A75 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 #6F4A75 }  
}
```

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

```
.border{ border-color:#6F4A75 }
```

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

Here you see how a box with a 4 pixel #6F4A75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F4A75; -webkit-box-shadow:4px 4px  
4px 4px #6F4A75; box-shadow:4px 4px 4px  
4px #6F4A75 }
```

Background

The CSS property to change the background color of an element to Hex 6F4A75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F4A75 }
```

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

```
.background{ background-color:#6F4A75 }
```

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