

Converting Colors

Hex(6F465F)

Have a look what the booklet for
Hex(6F465F) contains.

Hex(6F465F)	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(6F465F)

Conversions

Conversions Part 1

Format	Color
Hex	6F465F
RGB	111, 70, 95
RGB Percent	44%, 27%, 37%
CMY	0.5647, 0.7255, 0.6275
CMYK	0.00, 0.37, 0.14, 0.56
HSL	323°, 23%, 35%
HSV	323°, 37%, 44%
XYZ	10.8113, 8.5860, 11.9139
YIQ	85.1090, 16.4110, 16.4670

Conversions

Conversions Part 2

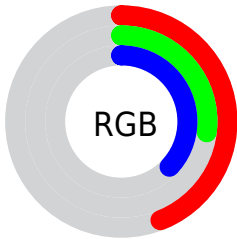
Format	Color
R_{YB}	111, 70, 95
Decimal	7292511
CIE _{Lab}	35.17, 21.68, -7.43
CIE _{LCh}	35, 22.917, 341.089
Yxy	8.5860, 0.3453, 0.2742
Android (android.graphics.Color)	4285482591 (0xFF6F465F)
YUV	85.1090, 4.8763, 22.7064
Hunter-Lab	29.3020, 14.5810, -3.5954

Details

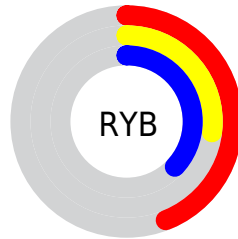
The Hex color **6F465F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **466F56**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A37791**, and **3E1931** is the 20% darker color. If you saturate the color by 10%, you get **6F3B5B**, and if you desaturate by 10%, it is **6F5163**.

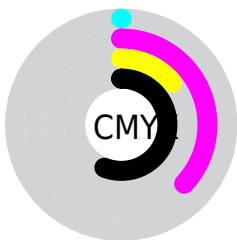
Distribution



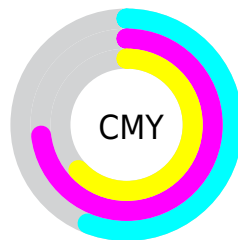
- Red (44%)
- Green (27%)
- Blue (37%)



- Red (44%)
- Yellow (27%)
- Blue (37%)



- Cyan (0%)
- Magenta (37%)
- Yellow (14%)
- Black (56%)



- Cyan (56%)
- Magenta (73%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F465F 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 6F465F by changing the saturation by 10% instead.

 6F465F

 6F465F

FFFFFF

 562F47

 A37791

 3E1931

 BF91AC

 28021C

 DBACC7

 020000

 F8C7E3

 000000

 FFE3FF

 6F465F

 6F465F

 6F3B5B

 6F5163

 6F3056

 6F5C68

6F2552

6F676C

6F1A4E

6F7270

6F0F49

6F7E75

6F0345

6F8979

6F0044

6F947D

6F9F82

6FAA86

Harmonies

Analogous

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



5E4B6E



6F465F



76444D

Triad

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



6F465F



58542E



015B6A

Complementary

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



6F465F



466F56

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.



115D59



6F465F



445937

Square

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



6F465F



694E30



2D5C46



235875

Rectangle

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



6F465F



754641



2D5C46



005C65

Sweetspot

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



6F465F



91818B



56466F



4A4046



C9C9C9



4A4A4A

Same Dimension

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



6F465F



915178



6F464B



383236



780049



F70097

Inverse Universe

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



6F465F



915178



466F6A



383236



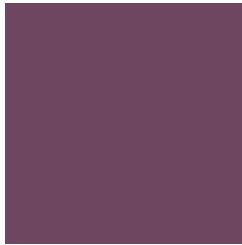
780049



F70097

Previews

White Background



This preview shows how the Hex color 6F465F looks on a white background.

Color Contrast Check

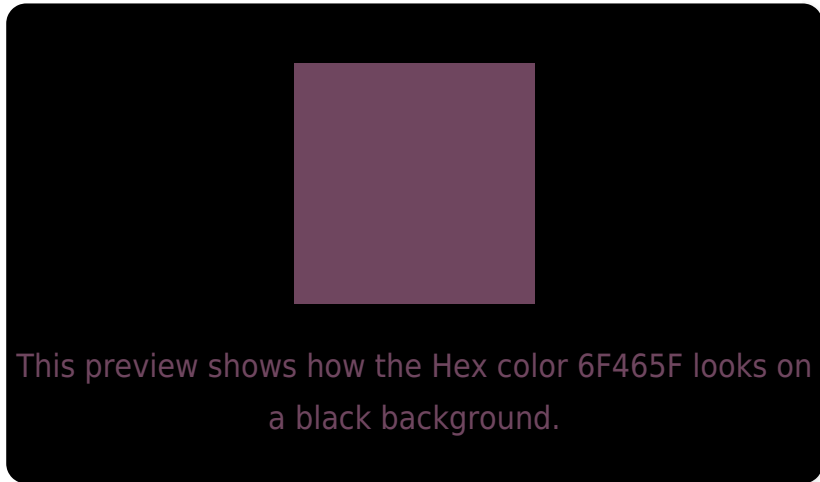
Large Text (above 18pt) WCAG AA ✓ Pass

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

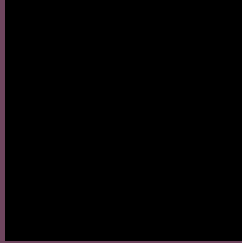
Any Text WCAG AA × Fail

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 6F465F Background



This preview shows how black text looks on a background with the Hex color 6F465F.



This preview shows how white text looks on a background with the Hex color 6F465F.

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
6F465F

Protanopia
4E5267

Deuteranopia
57515D



Tritanopia
6D494F

Trichromacy



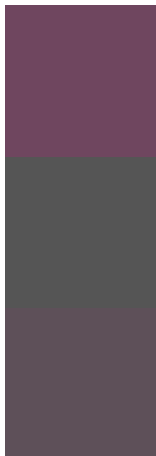
Original Color
6F465F

Protanomaly
5A4E64

Deuteranomaly
604D5E

Tritanomaly
6E4855

Monochromacy



Original Color
6F465F

Achromatopsia
555555

Achromatomaly
5E5059

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F465F 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 #6F465F looks like.

```
.text, #text, p{  
    color:#6F465F  
}
```

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 #6F465F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F465F
}
```

Border

The CSS property to change the border of an element to Hex 6F465F is called "border". The border property can be set on classes, ids or directly on the HTML element.

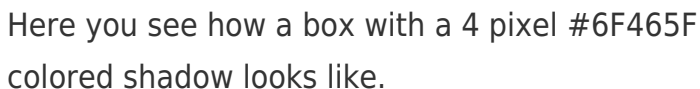
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F465F }
```

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

```
.border{ border-color:#6F465F }
```

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



Here you see how a box with a 4 pixel #6F465F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F465F; -webkit-box-shadow:4px 4px  
4px 4px #6F465F; box-shadow:4px 4px 4px  
4px #6F465F }
```

Background

The CSS property to change the background color of an element to Hex 6F465F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F465F }
```

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

```
.background{ background-color:#6F465F }
```

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