

# Converting Colors

Hex(6A4F6C)

Have a look what the booklet for  
Hex(6A4F6C) contains.

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# Color

**Hex(6A4F6C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A4F6C
RGB	106, 79, 108
RGB Percent	42%, 31%, 42%
CMY	0.5843, 0.6902, 0.5765
CMYK	0.02, 0.27, 0.00, 0.58
HSL	296°, 16%, 37%
HSV	296°, 27%, 42%
XYZ	11.4466, 9.7388, 15.4638
YIQ	90.3790, 6.7830, 14.7430

# Conversions

## Conversions Part 2

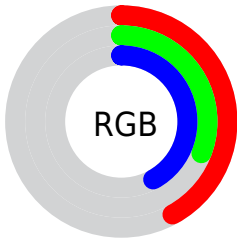
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 79, 108
Decimal	6967148
CIE <sub>Lab</sub>	37.37, 16.87, -12.33
CIE <sub>LCh</sub>	37, 20.900, 323.843
Yxy	9.7388, 0.3123, 0.2657
Android (android.graphics.Color)	4285157228 (0xFF6A4F6C)
YUV	90.3790, 8.6872, 13.6996
Hunter-Lab	31.2071, 10.8604, -7.5346

# Details

The Hex color **6A4F6C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **516C4F**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9E809F**, and **3A223D** is the 20% darker color. If you saturate the color by 10%, you get **69446C**, and if you desaturate by 10%, it is **6B5A6C**.

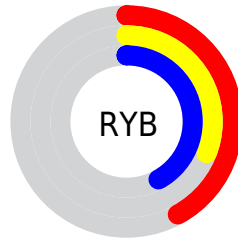
# Distribution



Red (42%)

Green (31%)

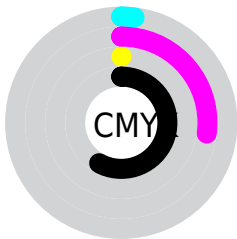
Blue (42%)



Red (42%)

Yellow (31%)

Blue (42%)

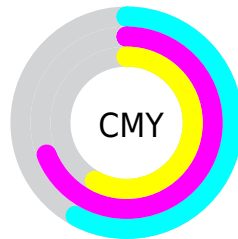


Cyan (2%)

Magenta (27%)

Yellow (0%)

Black (58%)



Cyan (58%)

Magenta (69%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A4F6C 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 6A4F6C by changing the saturation by 10% instead.





6A4F6C



6A4F6C

FFFFFF



523854



9E809F



3A223D



B99BBA



240D27



D5B5D6



050012



F1D1F3



000000



FFEDFF



6A4F6C



6A4F6C



69446C



6B5A6C



69396C



6B656C

682F6C

6C6F6C

67246C

6D7A6C

66196C

6E856C

660E6C

6E906C

65036C

6F9B6C

65006C

70A56C

71B06C

# Harmonies

## Analogous

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



555577



6A4F6C



764B5C

# Triad

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



6A4F6C



675636



1E6165

# Complementary

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



6A4F6C



516C4F

# 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.



2E6154



6A4F6C



565B39

# Square

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



6A4F6C



73503D



425F44



235F73

# Rectangle

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



6A4F6C



794B51



425F44



22615F



# Sweetspot

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



6A4F6C



8B818C



4F516C



474047



C7C7C7



474747



# Same Dimension

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



6A4F6C



895F8C



6C4F60



353036



6D0075



E400F5



# Inverse Universe

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



6C4F51



8C5F62



4F6C5B



363031



750008



F50011



# Previews

## White Background



This preview shows how the Hex color 6A4F6C looks on a white background.

## Color Contrast Check

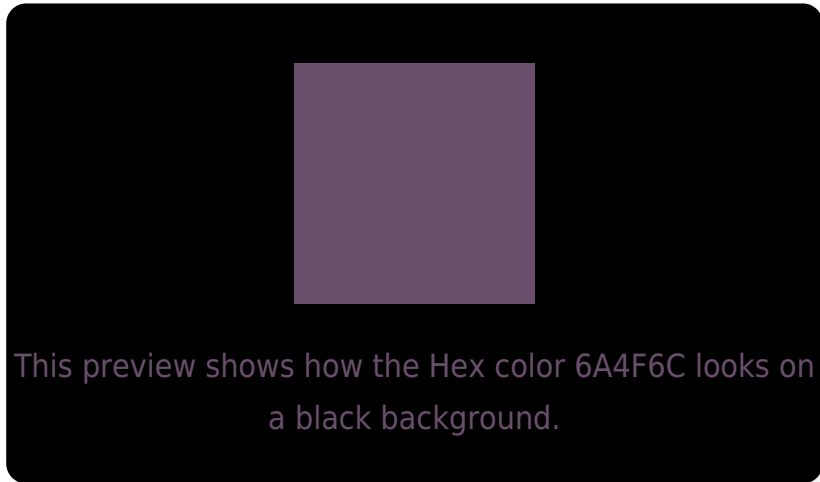
Large Text (above 18pt) WCAG AA ✓ Pass

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

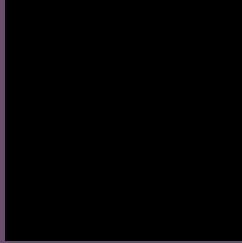
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A4F6C Background



This preview shows how black text looks on a background with the Hex color 6A4F6C.



This preview shows how white text looks on a background with the Hex color 6A4F6C.

# 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**  
6A4F6C

**Protanopia**  
515772

**Deuteranopia**  
58566B



**Tritanopia**  
675359

# Trichromacy



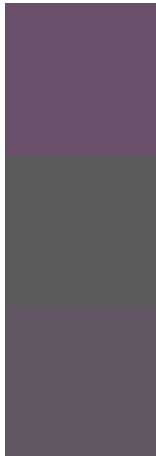
**Original Color**  
6A4F6C

**Protanomaly**  
5A5470

**Deuteranomaly**  
5F536B

**Tritanomaly**  
685260

# Monochromacy



**Original Color**  
6A4F6C

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
605661

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A4F6C 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 #6A4F6C looks like.

```
.text, #text, p{  
    color:#6A4F6C  
}
```

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 #6A4F6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4F6C
}
```

## Border

The CSS property to change the border of an element to Hex 6A4F6C is called "border". The border property can be set on classes, ids or directly on the HTML element.

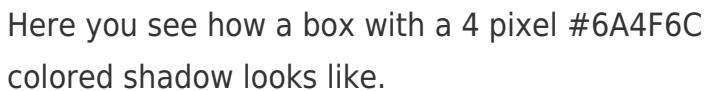
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A4F6C }
```

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

```
.border{ border-color:#6A4F6C }
```

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



Here you see how a box with a 4 pixel #6A4F6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4F6C; -webkit-box-shadow:4px 4px  
4px 4px #6A4F6C; box-shadow:4px 4px 4px  
4px #6A4F6C }
```

# Background

The CSS property to change the background color of an element to Hex 6A4F6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4F6C }
```

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

```
.background{ background-color:#6A4F6C }
```

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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