

# Converting Colors

Hex(6B576B)

Have a look what the booklet for  
Hex(6B576B) contains.

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# Color

**Hex(6B576B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B576B
RGB	107, 87, 107
RGB Percent	42%, 34%, 42%
CMY	0.5804, 0.6588, 0.5804
CMYK	0.00, 0.19, 0.00, 0.58
HSL	300°, 10%, 38%
HSV	300°, 19%, 42%
XYZ	12.1254, 11.0037, 15.3948
YIQ	95.2600, 5.5000, 10.4600

# Conversions

## Conversions Part 2

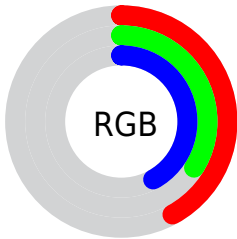
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 87, 107
Decimal	7034731
CIE Lab	39.59, 12.11, -8.35
CIE LCh	40, 14.708, 325.395
Yxy	11.0037, 0.3148, 0.2856
Android (android.graphics.Color)	4285224811 (0xFF6B576B)
YUV	95.2600, 5.7878, 10.2960
Hunter-Lab	33.1719, 7.1970, -4.2957

# Details

The Hex color **6B576B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **576B57**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9F899E**, and **3B2A3C** is the 20% darker color. If you saturate the color by 10%, you get **6B4C6B**, and if you desaturate by 10%, it is **6B626B**.

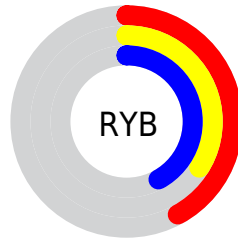
# Distribution



Red (42%)

Green (34%)

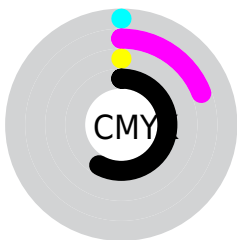
Blue (42%)



Red (42%)

Yellow (34%)

Blue (42%)

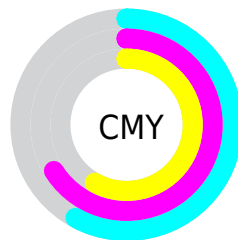


Cyan (0%)

Magenta (19%)

Yellow (0%)

Black (58%)



Cyan (58%)

Magenta (66%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B576B 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 6B576B by changing the saturation by 10% instead.





6B576B



6B576B

FFFFFF



534053



9F899E



3B2A3C



BAA3B9



251526



D5BED5



110011



F2DAF1



000000



FFF7FF



6B576B



6B576B



6B4C6B



6B626B



6B426B



6B6C6B

6B376B

6B776B

6B2C6B

6B826B

6B226B

6B8D6B

6B176B

6B976B

6B0C6B

6BA26B

6B016B

6BAD6B

6B006B

6BB76B

# Harmonies

## Analogous

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



5D5B73



6B576B



745560

# Triad

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



6B576B



685C46



3B6467

# Complementary

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



6B576B



576B57

# 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.



42645B



6B576B



5B6047

# Square

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



6B576B



71584A



4E634F



3F6271

# Rectangle

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



6B576B



765557



4E634F



3C6463



# Sweetspot

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



6B576B



8C848C



57576B



474247



C7C7C7



474747



# Same Dimension

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



6B576B



8C6D8C



6B5761



363036



750075



F500F5



# Inverse Universe

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



6B576B



8C6D8C



576B61



363036



750075



F500F5



# Previews

## White Background



This preview shows how the Hex color 6B576B looks on a white background.

## Color Contrast Check

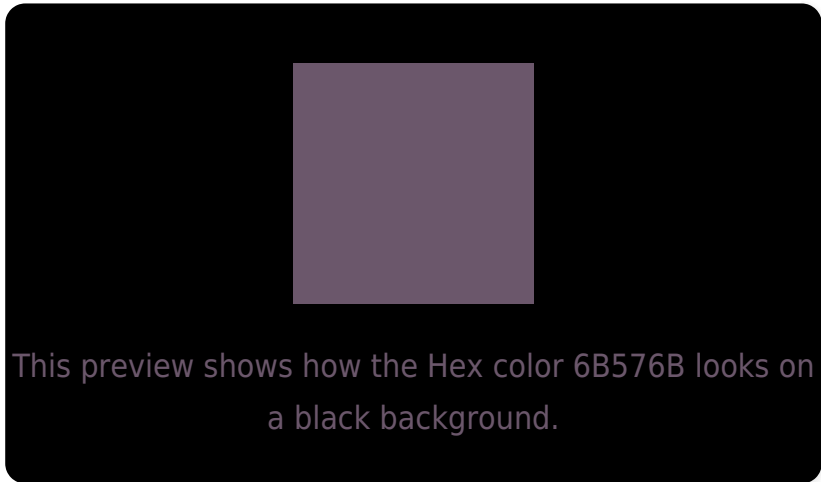
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

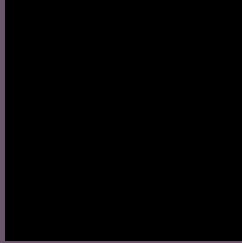
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B576B Background



This preview shows how black text looks on a background with the Hex color 6B576B.



This preview shows how white text looks on a background with the Hex color 6B576B.

# 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**  
6B576B

**Protanopia**  
5A5D6F

**Deuteranopia**  
605B6A



**Tritanopia**  
695960

# Trichromacy



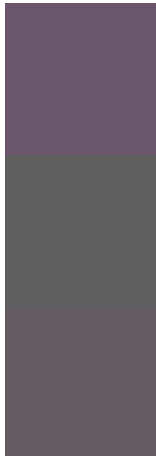
**Original Color**  
6B576B

**Protanomaly**  
605B6E

**Deuteranomaly**  
645A6A

**Tritanomaly**  
6A5864

# Monochromacy



**Original Color**  
6B576B

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
635C63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B576B 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 #6B576B looks like.

```
.text, #text, p{  
    color:#6B576B  
}
```

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 #6B576B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B576B
}
```

## Border

The CSS property to change the border of an element to Hex 6B576B is called "border". The border property can be set on classes, ids or directly on the HTML element.

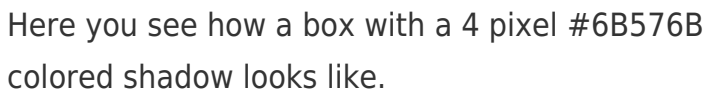
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B576B }
```

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

```
.border{ border-color:#6B576B }
```

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



Here you see how a box with a 4 pixel #6B576B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B576B; -webkit-box-shadow:4px 4px  
4px 4px #6B576B; box-shadow:4px 4px 4px  
4px #6B576B }
```

# Background

The CSS property to change the background color of an element to Hex 6B576B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B576B }
```

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

```
.background{ background-color:#6B576B }
```

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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