

# Converting Colors

Hex(6B5978)

Have a look what the booklet for  
Hex(6B5978) contains.

<b>Hex(6B5978)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6B5978)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B5978
RGB	107, 89, 120
RGB Percent	42%, 35%, 47%
CMY	0.5804, 0.6510, 0.5294
CMYK	0.11, 0.26, 0.00, 0.53
HSL	275°, 15%, 41%
HSV	275°, 26%, 47%
XYZ	13.0259, 11.6266, 19.3269
YIQ	97.9160, 0.7770, 13.4570

# Conversions

## Conversions Part 2

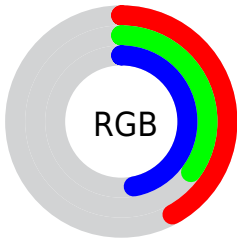
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 89, 120
Decimal	7035256
CIE <sub>Lab</sub>	40.62, 13.75, -14.78
CIE <sub>LCh</sub>	41, 20.191, 312.923
Yxy	11.6266, 0.2962, 0.2644
Android (android.graphics.Color)	4285225336 (0xFF6B5978)
<b>YUV</b>	97.9160, 10.8874, 7.9667
Hunter-Lab	34.0978, 8.5188, -9.7376

# Details

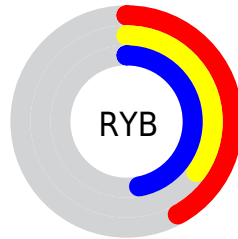
The Hex color **6B5978** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **667859**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9F8BAC**, and **3B2B47** is the 20% darker color. If you saturate the color by 10%, you get **664D78**, and if you desaturate by 10%, it is **706578**.

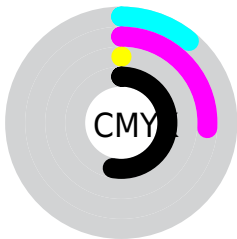
# Distribution



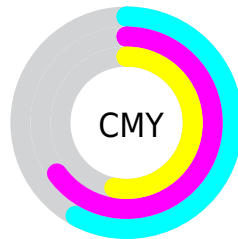
- Red (42%)
- Green (35%)
- Blue (47%)



- Red (42%)
- Yellow (35%)
- Blue (47%)



- Cyan (11%)
- Magenta (26%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (65%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B5978 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 6B5978 by changing the saturation by 10% instead.



6B5978

6B5978

FFFFFF

53425F

9F8BAC

3B2B47

BAA5C8

251731

D5C1E4

13001C

F2DDFF

000000

FFF9FF

6B5978

6B5978

664D78

706578

614178

757178

■ 5C3578

■ 7A7D78

■ 572978

■ 7F8978

■ 521D78

■ 849578

■ 4D1178

■ 89A178

■ 480578

■ 8EAD78

■ 460078

■ 93B978

■ 98C578

# Harmonies

## Analogous

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



555F80



6B5978



7A556A

# Triad

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



6B5978



745B40



2E6967

# Complementary

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



6B5978



667859

# 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.



3E6856



6B5978



64613F

# Square

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



6B5978



7E564A



526547



2B6876

# Rectangle

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



6B5978



80535F



526547



336961



# Sweetspot

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



6B5978



968F9C



596678



4C474F



CFCFCF



4F4F4F



# Same Dimension

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



6B5978



876B9C



785976



3B373D



49007D



9300FC



# Inverse Universe

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



785966



9C6B80



59785B



3D373A



7D0034



FC006A



# Previews

## White Background



This preview shows how the Hex color 6B5978 looks on a white background.

## Color Contrast Check

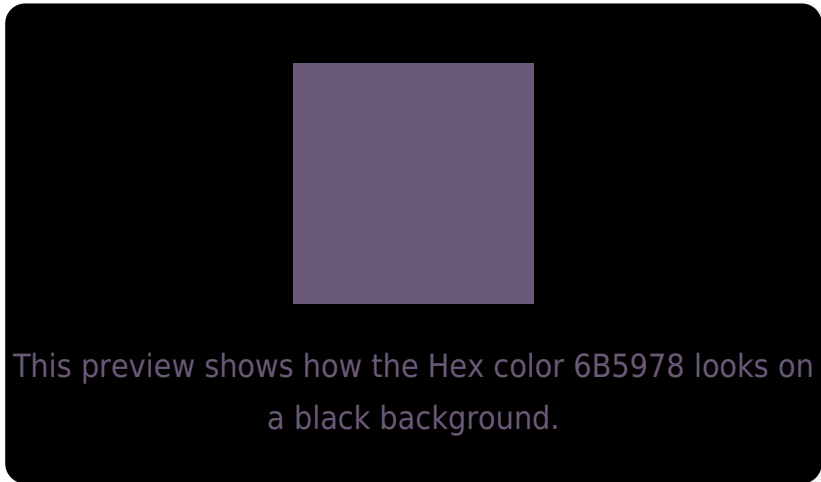
Large Text (above 18pt) WCAG AA ✓ Pass

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

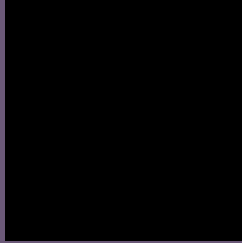
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B5978 Background



This preview shows how black text looks on a background with the Hex color 6B5978.



This preview shows how white text looks on a background with the Hex color 6B5978.

# 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](#).

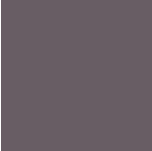
## Dichromacy



**Original Color**  
6B5978

**Protanopia**  
585F7C

**Deuteranopia**  
5D5E77



**Tritanopia**  
685D64

# Trichromacy



**Original Color**  
6B5978

**Protanomaly**  
5F5D7B

**Deuteranomaly**  
625C77

**Tritanomaly**  
695C6B

# Monochromacy



**Original Color**  
6B5978

**Achromatopsia**  
626262

**Achromatomaly**  
655F6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B5978 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 #6B5978 looks like.

```
.text, #text, p{  
    color:#6B5978  
}
```

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 #6B5978 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5978  
}
```

## Border

The CSS property to change the border of an element to Hex 6B5978 is called "border". The border property can be set on classes, ids or directly on the HTML element.

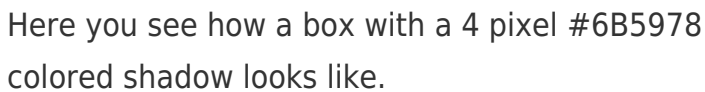
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6B5978 }
```

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

```
.border{ border-color:#6B5978 }
```

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



Here you see how a box with a 4 pixel #6B5978 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5978; -webkit-box-shadow:4px 4px  
4px 4px #6B5978; box-shadow:4px 4px 4px  
4px #6B5978 }
```

# Background

The CSS property to change the background color of an element to Hex 6B5978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5978 }
```

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

```
.background{ background-color:#6B5978 }
```

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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