

# Converting Colors

Hex(6B596A)

Have a look what the booklet for  
Hex(6B596A) contains.

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# Color

**Hex(6B596A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B596A
RGB	107, 89, 106
RGB Percent	42%, 35%, 42%
CMY	0.5804, 0.6510, 0.5843
CMYK	0.00, 0.17, 0.01, 0.58
HSL	303°, 9%, 38%
HSV	303°, 17%, 42%
XYZ	12.2373, 11.3112, 15.1740
YIQ	96.3200, 5.2710, 9.1030

# Conversions

## Conversions Part 2

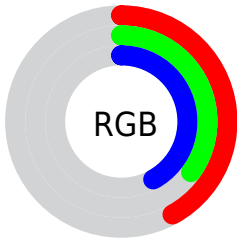
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 89, 106
Decimal	7035242
CIE <sub>Lab</sub>	40.10, 10.67, -6.97
CIE <sub>LCh</sub>	40, 12.741, 326.845
Yxy	11.3112, 0.3160, 0.2921
Android (android.graphics.Color)	4285225322 (0xFF6B596A)
YUV	96.3200, 4.7722, 9.3664
Hunter-Lab	33.6321, 6.0925, -3.2077

# Details

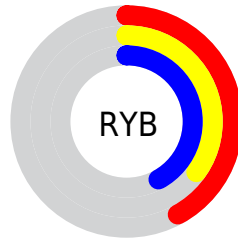
The Hex color **6B596A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **596B5A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9E8B9D**, and **3B2B3B** is the 20% darker color. If you saturate the color by 10%, you get **6B4E69**, and if you desaturate by 10%, it is **6B646B**.

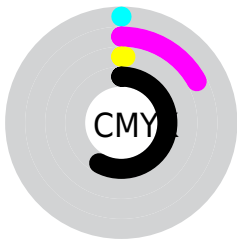
# Distribution



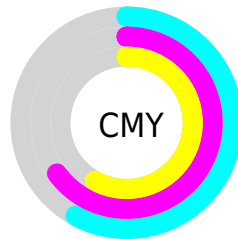
- Red (42%)
- Green (35%)
- Blue (42%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (58%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B596A 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 6B596A by changing the saturation by 10% instead.





6B596A



6B596A

FFFFFF



534252



9E8B9D



3B2B3B



B9A5B8



261725



D5C1D4



120011



F2DCF0



000000



FFF9FF



6B596A



6B596A



6B4E69



6B646B



6B4469



6B6E6B

6B3968

6B796C

6B2E68

6B846C

6B2467

6B8F6D

6B1966

6B996E

6B0E66

6BA46E

6B0365

6BAF6F

6B0065

6BB96F

# Harmonies

## Analogous

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



5F5C71



6B596A



725760

# Triad

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



6B596A



685D4A



426467

# Complementary

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



6B596A



596B5A

# 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.



47645D



6B596A



5C614C

# Square

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



6B596A



705A4D



516353



466370

# Rectangle

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



6B596A



745759



516353



436464



# Sweetspot

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



6B596A



8C858C



5A596B



474347



C7C7C7



474747



# Same Dimension

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



6B596A



8C708B



6B5961



363035



75006F



F500E7



# Inverse Universe

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



6B596A



8C708B



596B63



363035



75006F



F500E7



# Previews

## White Background



This preview shows how the Hex color 6B596A looks on a white background.

## Color Contrast Check

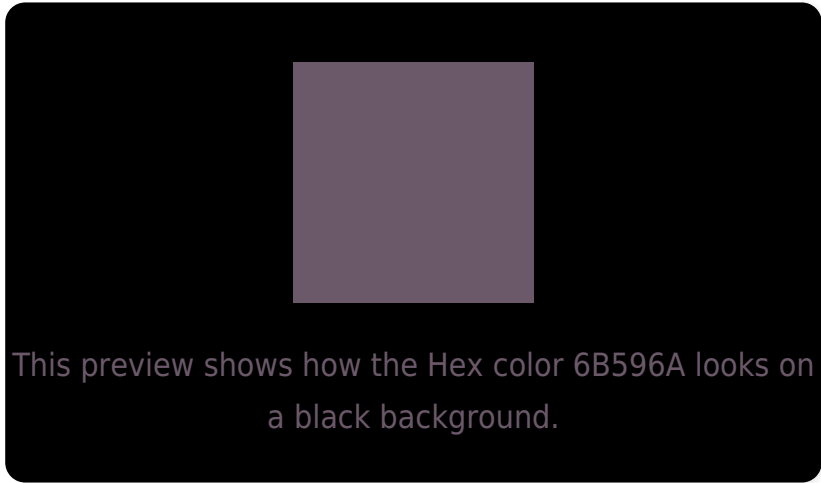
Large Text (above 18pt) WCAG AA ✓ Pass

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

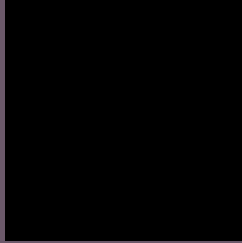
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B596A Background



This preview shows how black text looks on a background with the Hex color 6B596A.



This preview shows how white text looks on a background with the Hex color 6B596A.

# 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**  
6B596A

**Protanopia**  
5C5E6D

**Deuteranopia**  
635C69



**Tritanopia**  
6A5A62

# Trichromacy



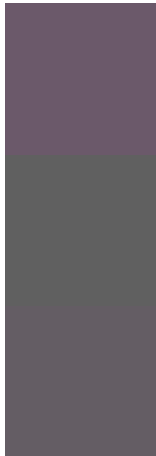
**Original Color**  
6B596A

**Protanomaly**  
615C6C

**Deuteranomaly**  
665B69

**Tritanomaly**  
6A5A65

# Monochromacy



**Original Color**  
6B596A

**Achromatopsia**  
606060

**Achromatomaly**  
645D64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B596A 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 #6B596A looks like.

```
.text, #text, p{  
    color:#6B596A  
}
```

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 #6B596A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B596A
}
```

## Border

The CSS property to change the border of an element to Hex 6B596A is called "border". The border property can be set on classes, ids or directly on the HTML element.

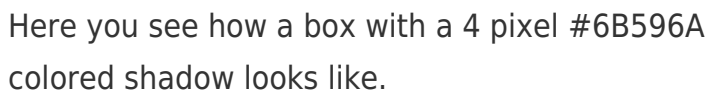
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B596A }
```

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

```
.border{ border-color:#6B596A }
```

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



Here you see how a box with a 4 pixel #6B596A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B596A; -webkit-box-shadow:4px 4px  
4px 4px #6B596A; box-shadow:4px 4px 4px  
4px #6B596A }
```

# Background

The CSS property to change the background color of an element to Hex 6B596A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B596A }
```

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

```
.background{ background-color:#6B596A }
```

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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