

# Converting Colors

Hex(6E6B8B)

Have a look what the booklet for  
Hex(6E6B8B) contains.

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# Color

**Hex(6E6B8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E6B8B
RGB	110, 107, 139
RGB Percent	43%, 42%, 55%
CMY	0.5686, 0.5804, 0.4549
CMYK	0.21, 0.23, 0.00, 0.45
HSL	246°, 13%, 48%
HSV	246°, 23%, 55%
XYZ	16.3483, 15.6945, 26.5938
YIQ	111.5450, -8.4840, 10.5880

# Conversions

## Conversions Part 2

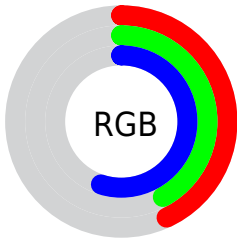
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 107, 139
Decimal	7236491
CIE <sub>Lab</sub>	46.57, 8.36, -17.14
CIE <sub>LCh</sub>	47, 19.068, 296.015
Yxy	15.6945, 0.2788, 0.2677
Android (android.graphics.Color)	4285426571 (0xFF6E6B8B)
YUV	111.5450, 13.5353, -1.3550
Hunter-Lab	39.6162, 4.3326, -12.0691

# Details

The Hex color **6E6B8B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **888B6B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A29EC1**, and **3E3C59** is the 20% darker color. If you saturate the color by 10%, you get **615D8B**, and if you desaturate by 10%, it is **7B798B**.

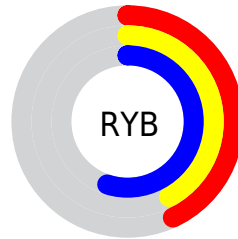
# Distribution



Red (43%)

Green (42%)

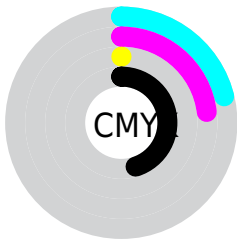
Blue (55%)



Red (43%)

Yellow (42%)

Blue (55%)

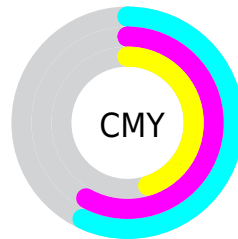


Cyan (21%)

Magenta (23%)

Yellow (0%)

Black (45%)



Cyan (57%)

Magenta (58%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E6B8B 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 6E6B8B by changing the saturation by 10% instead.





6E6B8B



6E6B8B

FFFFFF



555371



A29EC1



3E3C59



BDB9DC



272641



D9D5F9



12122B



F6F1FF



000117



000000



6E6B8B



6E6B8B



615D8B



7B798B



554F8B



87878B

48418B

94958B

3C338B

A0A38B

2F258B

ADB18B

22188B

BABE8B

160A8B

C6CC8B

0D008B

D3DA8B

DFE88B

# Harmonies

## Analogous

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



57708E



6E6B8B



816680

# Triad

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



6E6B8B



896754



48776C

# Complementary

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



6E6B8B



888B6B

# 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.



59755C



6E6B8B



7C6D4F

# Square

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



6E6B8B



8F6361



6B7251



3F777C

# Rectangle

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



6E6B8B



896377



6B7251



4D7766



# Sweetspot

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



6E6B8B



AAA8B5



6B888B



55545C



DBDBDB



5C5C5C



# Same Dimension

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



6E6B8B



8782B5



7E6B8B



3F3E45



0C0085



000005



# Inverse Universe

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



8B6B88



B582B0



788B6B



453E44



850078



050005



# Previews

## White Background



This preview shows how the Hex color 6E6B8B looks on a white background.

## Color Contrast Check

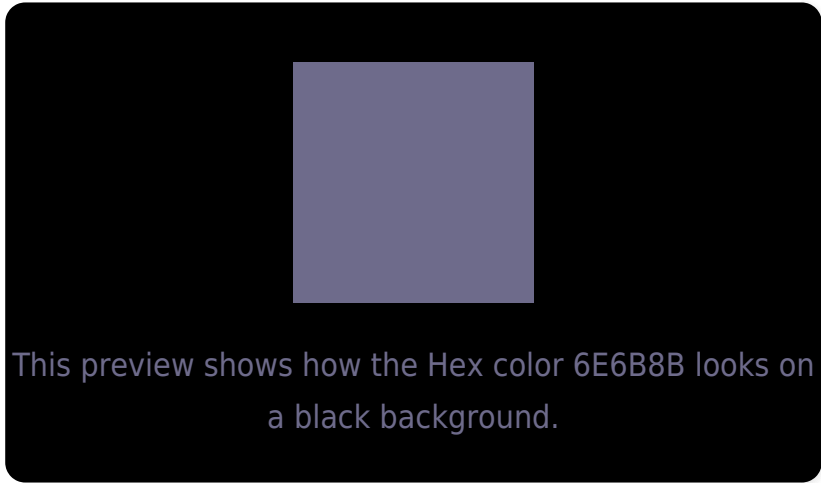
Large Text (above 18pt) WCAG AA ✓ Pass

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

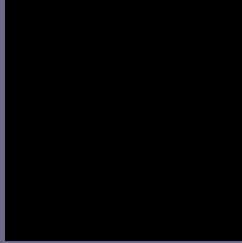
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E6B8B Background



This preview shows how black text looks on a background with the Hex color 6E6B8B.

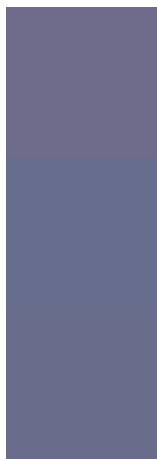


This preview shows how white text looks on a background with the Hex color 6E6B8B.

# 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**  
6E6B8B

**Protanopia**  
666D8D

**Deuteranopia**  
6A6C8B



**Tritanopia**  
6A6F77

# Trichromacy



**Original Color**  
6E6B8B

**Protanomaly**  
696C8C

**Deuteranomaly**  
6B6C8B

**Tritanomaly**  
6B6E7E

# Monochromacy



**Original Color**  
6E6B8B

**Achromatopsia**  
707070

**Achromatomaly**  
6F6E7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E6B8B 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 #6E6B8B looks like.

```
.text, #text, p{  
    color:#6E6B8B  
}
```

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 #6E6B8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E6B8B
}
```

## Border

The CSS property to change the border of an element to Hex 6E6B8B 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
#6E6B8B }
```

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

```
.border{ border-color:#6E6B8B }
```

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

Here you see how a box with a 4 pixel #6E6B8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E6B8B; -webkit-box-shadow:4px 4px  
4px 4px #6E6B8B; box-shadow:4px 4px 4px  
4px #6E6B8B }
```

# Background

The CSS property to change the background color of an element to Hex 6E6B8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E6B8B }
```

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

```
.background{ background-color:#6E6B8B }
```

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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