

# Converting Colors

Hex(6E6E9D)

Have a look what the booklet for  
Hex(6E6E9D) contains.

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# Color

**Hex(6E6E9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E6E9D
RGB	110, 110, 157
RGB Percent	43%, 43%, 62%
CMY	0.5686, 0.5686, 0.3843
CMYK	0.30, 0.30, 0.00, 0.38
HSL	240°, 19%, 52%
HSV	240°, 30%, 62%
XYZ	18.0921, 16.9012, 34.2070
YIQ	115.3580, -15.0870, 14.6170

# Conversions

## Conversions Part 2

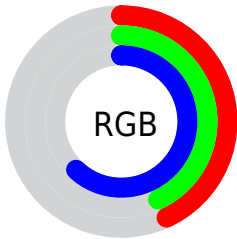
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 110, 157
Decimal	7237277
CIE <sub>Lab</sub>	48.14, 11.18, -25.38
CIE <sub>LCh</sub>	48, 27.734, 293.763
Yxy	16.9012, 0.2614, 0.2442
Android (android.graphics.Color)	4285427357 (0xFF6E6E9D)
YUV	115.3580, 20.5295, -4.6990
Hunter-Lab	41.1110, 6.6099, -20.5553

# Details

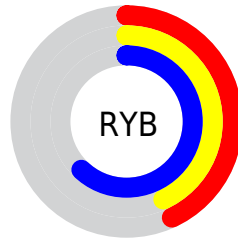
The Hex color **6E6E9D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9D9D6E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A3A1D4**, and **3C3F69** is the 20% darker color. If you saturate the color by 10%, you get **5E5E9D**, and if you desaturate by 10%, it is **7E7E9D**.

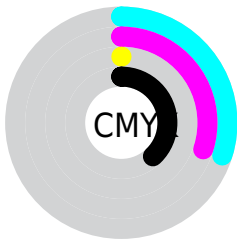
# Distribution



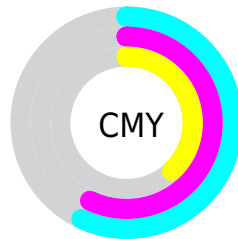
- Red (43%)
- Green (43%)
- Blue (62%)



- Red (43%)
- Yellow (43%)
- Blue (62%)



- Cyan (30%)
- Magenta (30%)
- Yellow (0%)
- Black (38%)



- Cyan (57%)
- Magenta (57%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E6E9D 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 6E6E9D by changing the saturation by 10% instead.





6E6E9D



6E6E9D

FFFFFF



555683



A3A1D4



3C3F69



BEBCF0



242951



DAD8FF



0B153A



F7F5FF



000024



00000C



000000



6E6E9D



6E6E9D



5E5E9D



7E7E9D

■ 4F4F9D

■ 8D8D9D

■ 3F3F9D

■ 9D9D9D

■ 2F2F9D

■ ADAD9D

■ 20209D

■ BDBD9D

■ 10109D

■ CCCC9D

■ 00009D

■ DCDC9D

■ ECEC9D

■ FBFB9D

# Harmonies

## Analogous

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



4876A0



6E6E9D



8B668E

# Triad

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



6E6E9D



98674D



357F6C

# Complementary

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



6E6E9D



9D9D6E

# 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.



547C56



6E6E9D



866F44

# Square

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



6E6E9D



A06161



6F7747



157F84

# Rectangle

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



6E6E9D



986280



6F7747



407E64



# Sweetspot

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



6E6E9D



BABACC



6E9D9D



5B5B66



E6E6E6



666666



# Same Dimension

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



6E6E9D



8383CC



866E9D



47474F



00008F



00000F



# Inverse Universe

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



9D6E9D



CC83CC



869D6E



4F474F



8F008F

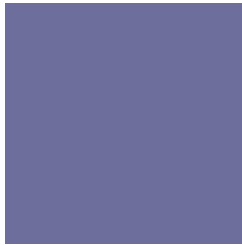


0F000F



# Previews

## White Background



This preview shows how the Hex color 6E6E9D looks on a white background.

## Color Contrast Check

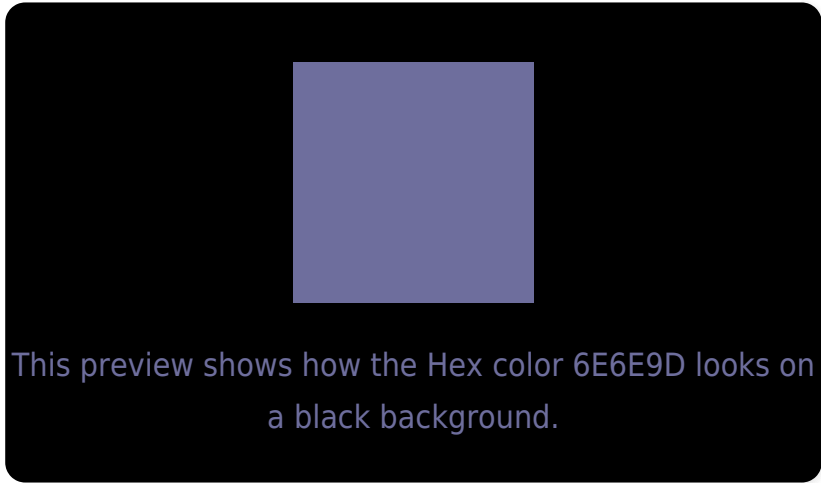
Large Text (above 18pt) WCAG AA ✓ Pass

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

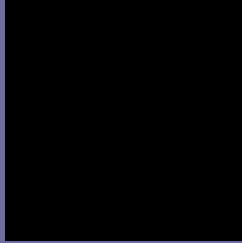
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E6E9D Background



This preview shows how black text looks on a background with the Hex color 6E6E9D.



This preview shows how white text looks on a background with the Hex color 6E6E9D.

# 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**  
6E6E9D

**Protanopia**  
64719F

**Deuteranopia**  
65719C



# Trichromacy



**Original Color**  
6E6E9D

**Protanomaly**  
68709E

**Deuteranomaly**  
68709C

**Tritanomaly**  
6A7289

# Monochromacy



**Original Color**  
6E6E9D

**Achromatopsia**  
737373

**Achromatomaly**  
717182

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E6E9D 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 #6E6E9D looks like.

```
.text, #text, p{  
    color:#6E6E9D  
}
```

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 #6E6E9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E6E9D
}
```

## Border

The CSS property to change the border of an element to Hex 6E6E9D 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
#6E6E9D }
```

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

```
.border{ border-color:#6E6E9D }
```

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

Here you see how a box with a 4 pixel #6E6E9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E6E9D; -webkit-box-shadow:4px 4px  
4px 4px #6E6E9D; box-shadow:4px 4px 4px  
4px #6E6E9D }
```

# Background

The CSS property to change the background color of an element to Hex 6E6E9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E6E9D }
```

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

```
.background{ background-color:#6E6E9D }
```

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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