

# Converting Colors

Hex(666E9D)

Have a look what the booklet for  
Hex(666E9D) contains.

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# Color

**Hex(666E9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	666E9D
RGB	102, 110, 157
RGB Percent	40%, 43%, 62%
CMY	0.6000, 0.5686, 0.3843
CMYK	0.35, 0.30, 0.00, 0.38
HSL	231°, 22%, 51%
HSV	231°, 35%, 62%
XYZ	17.1412, 16.4110, 34.1625
YIQ	112.9660, -19.8550, 12.9210

# Conversions

## Conversions Part 2

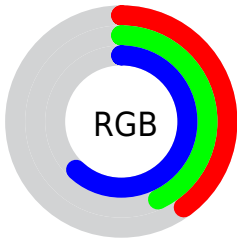
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 109, 157
Decimal	6712989
CIE <sub>Lab</sub>	47.51, 8.74, -26.40
CIE <sub>LCh</sub>	48, 27.814, 288.325
Yxy	16.4110, 0.2531, 0.2424
Android (android.graphics.Color)	4284903069 (0xFF666E9D)
YUV	112.9660, 21.7088, -9.6172
Hunter-Lab	40.5104, 4.6356, -21.6420

# Details

The Hex color **666E9D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9D9566**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **9BA1D4**, and **343F69** is the 20% darker color. If you saturate the color by 10%, you get **56619D**, and if you desaturate by 10%, it is **767B9D**.

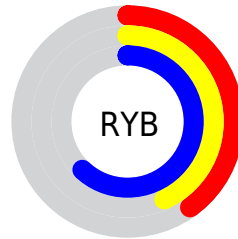
# Distribution



Red (40%)

Green (43%)

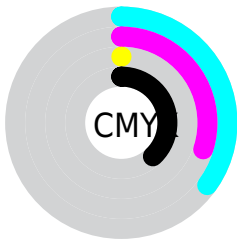
Blue (62%)



Red (40%)

Yellow (43%)

Blue (62%)

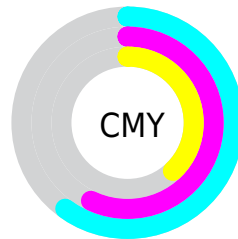


Cyan (35%)

Magenta (30%)

Yellow (0%)

Black (38%)



Cyan (60%)

Magenta (57%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 666E9D 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 666E9D by changing the saturation by 10% instead.





666E9D



666E9D

FFFFFF



4D5683



9BA1D4



343F69



B6BCF0



1B2951



D2D8FF



00153A



EFF5FF



000224



00000C



000000



666E9D



666E9D



56619D



767B9D

■ 47539D

■ 85899D

■ 37469D

■ 95969D

■ 27389D

■ A5A49D

■ 172B9D

■ B5B19D

■ 081E9D

■ C4BE9D

■ 00179D

■ D4CC9D

■ E4D99D

■ F3E79D

# Harmonies

## Analogous

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



3F769E



666E9D



856590

# Triad

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



666E9D



98644F



397D66

# Complementary

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



666E9D



9D9566

# 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.



577951



666E9D



886C43

# Square

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



666E9D



9F5F63



727443



177D7F

# Rectangle

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



666E9D



936182



727443



437C5F



# Sweetspot

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



666E9D



B6B9CC



669D95



595B66



E6E6E6



666666



# Same Dimension

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



666E9D



7683CC



79669D



47484F



00158F



00020F



# Inverse Universe

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



9D666E



CC7683



8A9D66



4F4748



8F0015

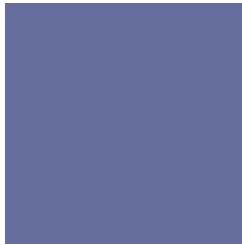


0F0002



# Previews

## White Background



This preview shows how the Hex color 666E9D looks on a white background.

## Color Contrast Check

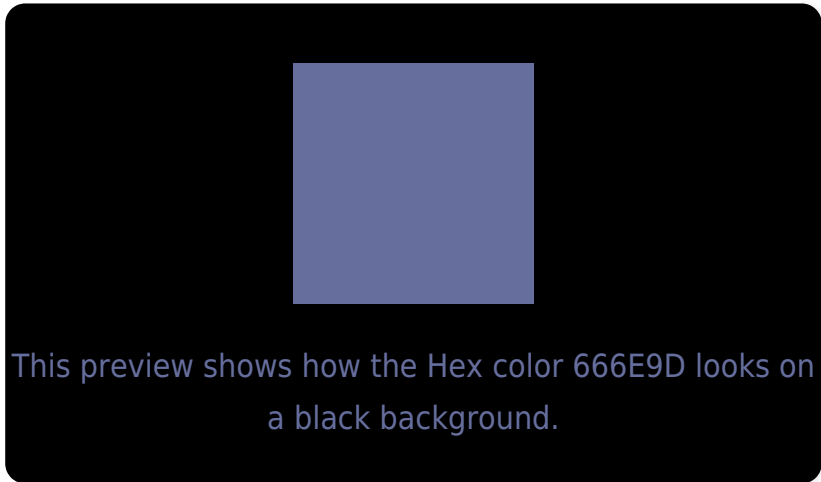
Large Text (above 18pt) WCAG AA ✓ Pass

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 666E9D Background



This preview shows how black text looks on a background with the Hex color 666E9D.



This preview shows how white text looks on a background with the Hex color 666E9D.

# 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**  
666E9D

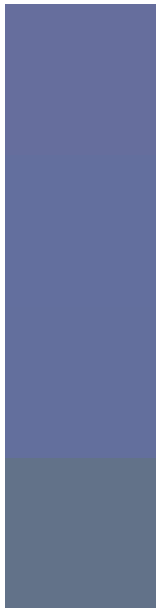
**Protanopia**  
626F9E

**Deuteranopia**  
626F9D



**Tritanopia**  
5F747D

# Trichromacy



**Original Color**  
666E9D

**Protanomaly**  
636F9E

**Deuteranomaly**  
636F9D

**Tritanomaly**  
627289

# Monochromacy



**Original Color**  
666E9D

**Achromatopsia**  
717171

**Achromatomaly**  
6D7081

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 666E9D 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 #666E9D looks like.

```
.text, #text, p{  
    color:#666E9D  
}
```

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 #666E9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666E9D
}
```

## Border

The CSS property to change the border of an element to Hex 666E9D 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".

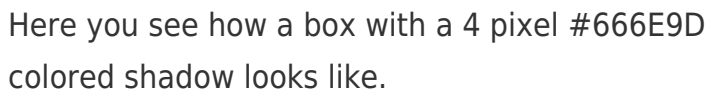
```
.border, #border, table{ border:4px solid
#666E9D }
```

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

```
.border{ border-color:#666E9D }
```

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

Here you see how a box with a 4 pixel #666E9D colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666E9D; -webkit-box-shadow:4px 4px  
4px 4px #666E9D; box-shadow:4px 4px 4px  
4px #666E9D }
```

# Background

The CSS property to change the background color of an element to Hex 666E9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666E9D }
```

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

```
.background{ background-color:#666E9D }
```

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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