

# Converting Colors

Hex(6E6992)

Have a look what the booklet for  
Hex(6E6992) contains.

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# Color

**Hex(6E6992)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E6992
RGB	110, 105, 146
RGB Percent	43%, 41%, 57%
CMY	0.5686, 0.5882, 0.4275
CMYK	0.25, 0.28, 0.00, 0.43
HSL	247°, 16%, 49%
HSV	247°, 28%, 57%
XYZ	16.6703, 15.4935, 29.3060
YIQ	111.1690, -10.1810, 13.8110

# Conversions

## Conversions Part 2

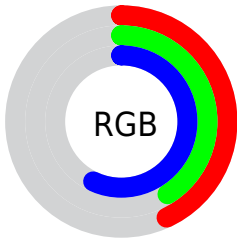
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">110, 105, 146</a>
Decimal	<a href="#">7235986</a>
CIELab	<a href="#">46.30, 11.33, -21.71</a>
CIELCh	<a href="#">46, 24.492, 297.564</a>
Yxy	<a href="#">15.4935, 0.2712, 0.2521</a>
Android (android.graphics.Color)	<a href="#">4285426066 (0xFF6E6992)</a>
YUV	<a href="#">111.1690, 17.1717, -1.0252</a>
Hunter-Lab	<a href="#">39.3617, 6.7144, -16.5900</a>

# Details

The Hex color **6E6992** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8D9269**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A29CC8**, and **3D3A5F** is the 20% darker color. If you saturate the color by 10%, you get **615A92**, and if you desaturate by 10%, it is **7B7892**.

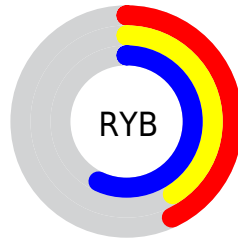
# Distribution



Red (43%)

Green (41%)

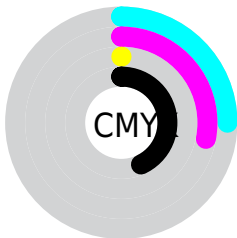
Blue (57%)



Red (43%)

Yellow (41%)

Blue (57%)

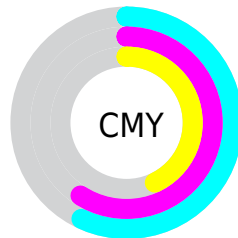


Cyan (25%)

Magenta (28%)

Yellow (0%)

Black (43%)



Cyan (57%)

Magenta (59%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E6992 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 6E6992 by changing the saturation by 10% instead.



■ 6E6992

■ 6E6992

FFFFFF

■ 555178

■ A29CC8

■ 3D3A5F

■ BEB7E4

■ 262447

■ DAD3FF

■ 101031

■ F6EFFF

■ 00011C

■ 000000

■ 6E6992

■ 6E6992

■ 615A92

■ 7B7892

■ 544C92

■ 888692

483D92

949592

3B2F92

A1A392

2E2092

AEB292

211192

BBC192

140392

C8CF92

120092

D5DE92

E1EC92

# Harmonies

## Analogous

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



4F7096



6E6992



866284

# Triad

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



6E6992



8D654C



37796B

# Complementary

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



6E6992



8D9269

# 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.



507757



6E6992



7D6C45

# Square

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



6E6992



965F5C



687249



257880

# Rectangle

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



6E6992



915F77



687249



3F7864



# Sweetspot

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



6E6992



AFAEBD



698D92



56555E



DEDEDE



5E5E5E



# Same Dimension

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



6E6992



847DBD



826992



43434A



11008A



01000A



# Inverse Universe

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



92698D



BD7DB5



799269



4A4349



8A0079



0A0009



# Previews

## White Background



This preview shows how the Hex color 6E6992 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

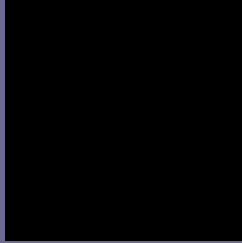
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E6992 Background



This preview shows how black text looks on a background with the Hex color 6E6992.



This preview shows how white text looks on a background with the Hex color 6E6992.

# 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**  
6E6992

**Protanopia**  
626C94

**Deuteranopia**  
656C91



**Tritanopia**  
696E77

# Trichromacy



**Original Color**  
6E6992

**Protanomaly**  
666B93

**Deuteranomaly**  
686B91

**Tritanomaly**  
6B6C81

# Monochromacy



**Original Color**  
6E6992

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
6F6D7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E6992 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 #6E6992 looks like.

```
.text, #text, p{  
    color:#6E6992  
}
```

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 #6E6992 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E6992
}
```

## Border

The CSS property to change the border of an element to Hex 6E6992 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".

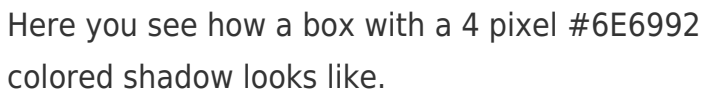
```
.border, #border, table{ border:4px solid
#6E6992 }
```

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

```
.border{ border-color:#6E6992 }
```

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

Here you see how a box with a 4 pixel #6E6992 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E6992; -webkit-box-shadow:4px 4px  
4px 4px #6E6992; box-shadow:4px 4px 4px  
4px #6E6992 }
```

# Background

The CSS property to change the background color of an element to Hex 6E6992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E6992 }
```

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

```
.background{ background-color:#6E6992 }
```

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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