

# Converting Colors

Hex(6E8396)

Have a look what the booklet for  
Hex(6E8396) contains.

<b>Hex(6E8396)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6E8396)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E8396
RGB	110, 131, 150
RGB Percent	43%, 51%, 59%
CMY	0.5686, 0.4863, 0.4118
CMYK	0.27, 0.13, 0.00, 0.41
HSL	209°, 16%, 51%
HSV	209°, 27%, 59%
XYZ	20.0517, 21.7496, 31.9954
YIQ	126.8870, -18.6150, 1.4570

# Conversions

## Conversions Part 2

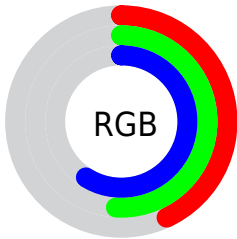
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 124, 150
Decimal	7242646
CIE <sub>Lab</sub>	53.76, -3.04, -12.69
CIE <sub>LCh</sub>	54, 13.048, 256.529
Y <sub>xy</sub>	21.7496, 0.2717, 0.2947
Android (android.graphics.Color)	4285432726 (0xFF6E8396)
Y <sub>UV</sub>	126.8870, 11.3947, -14.8099
Hunter-Lab	46.6365, -4.8663, -8.0310

# Details

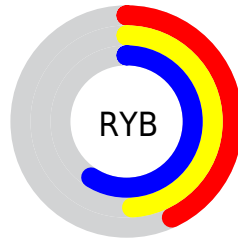
The Hex color **6E8396** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **96816E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **A2B8CC**, and **3D5263** is the 20% darker color. If you saturate the color by 10%, you get **5F7C96**, and if you desaturate by 10%, it is **7D8A96**.

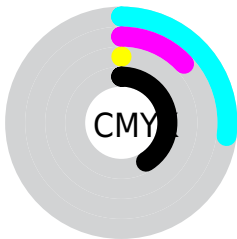
# Distribution



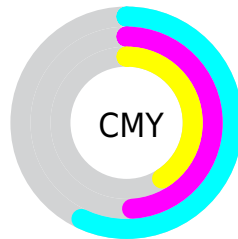
- Red (43%)
- Green (51%)
- Blue (59%)



- Red (43%)
- Yellow (49%)
- Blue (59%)



- Cyan (27%)
- Magenta (13%)
- Yellow (0%)
- Black (41%)



- Cyan (57%)
- Magenta (49%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E8396 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 6E8396 by changing the saturation by 10% instead.





6E8396



6E8396

FFFFFF



556A7C



A2B8CC



3D5263



BED4E8



263B4B



DAF0FF



0F2535



F6FFFF



00101F



000005



000000



6E8396



6E8396



5F7C96



7D8A96

■ 507596

■ 8C9196

■ 416E96

■ 9B9896

■ 326696

■ AAA096

■ 235F96

■ B9A796

■ 145896

■ C8AE96

■ 055196

■ D7B596

■ 004F96

■ E6BC96

■ F5C396

# Harmonies

## Analogous

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



658690



6E8396



7C7F96

# Triad

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



6E8396



98797B



768571

# Complementary

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



6E8396



96816E

# 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.



83826B



6E8396



967B71

# Square

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



6E8396



947986



8E7E6B



6A877B

# Rectangle

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



6E8396



867D93



8E7E6B



7A846E



# Sweetspot

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



6E8396



B2BAC2



6E9681



575C61



E0E0E0



616161



# Same Dimension

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



6E8396



84A4C2



6E6F96



43464A



00488A



00050A



# Inverse Universe

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



966E83



C284A4



96956E



4A4346



8A0048



0A0005



# Previews

## White Background



This preview shows how the Hex color 6E8396 looks on a white background.

## Color Contrast Check

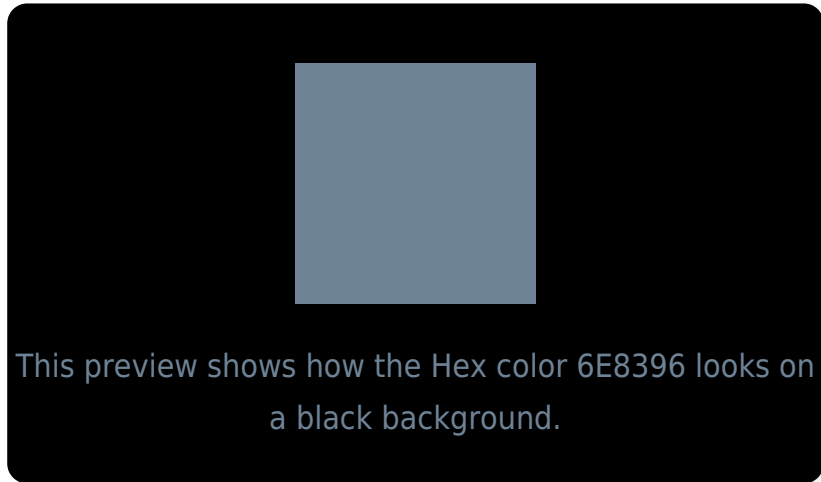
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

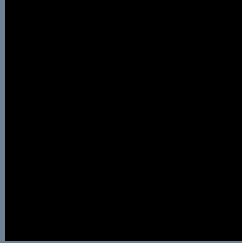
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

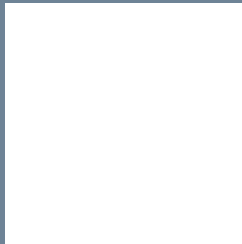
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E8396 Background



This preview shows how black text looks on a background with the Hex color 6E8396.

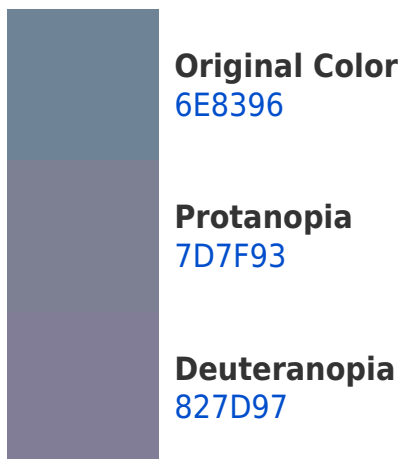



This preview shows how white text looks on a background with the Hex color 6E8396.

# 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





**Tritanopia**  
6C848F

# Trichromacy



**Original Color**  
6E8396

**Protanomaly**  
788094

**Deuteranomaly**  
7B7F97

**Tritanomaly**  
6D8492

# Monochromacy



**Original Color**  
6E8396

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
798087

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E8396 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 #6E8396 looks like.

```
.text, #text, p{  
    color:#6E8396  
}
```

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 #6E8396 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E8396
}
```

## Border

The CSS property to change the border of an element to Hex 6E8396 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
#6E8396 }
```

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

```
.border{ border-color:#6E8396 }
```

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

Here you see how a box with a 4 pixel #6E8396 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E8396; -webkit-box-shadow:4px 4px  
4px 4px #6E8396; box-shadow:4px 4px 4px  
4px #6E8396 }
```

# Background

The CSS property to change the background color of an element to Hex 6E8396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E8396 }
```

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

```
.background{ background-color:#6E8396 }
```

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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