

# Converting Colors

Hex(6E7588)

Have a look what the booklet for  
Hex(6E7588) contains.

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# Color

**Hex(6E7588)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E7588
RGB	110, 117, 136
RGB Percent	43%, 46%, 53%
CMY	0.5686, 0.5412, 0.4667
CMYK	0.19, 0.14, 0.00, 0.47
HSL	224°, 11%, 48%
HSV	224°, 19%, 53%
XYZ	17.2356, 17.8151, 25.8228
YIQ	117.0730, -10.2710, 4.4250

# Conversions

## Conversions Part 2

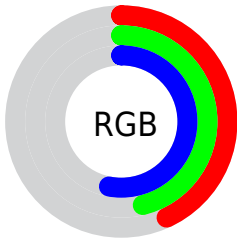
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 116, 136
Decimal	7239048
CIE <sub>Lab</sub>	49.27, 1.67, -11.26
CIE <sub>LCh</sub>	49, 11.384, 278.423
Yxy	17.8151, 0.2831, 0.2927
Android (android.graphics.Color)	4285429128 (0xFF6E7588)
YUV	117.0730, 9.3310, -6.2030
Hunter-Lab	42.2080, -0.9735, -6.7280

# Details

The Hex color **6E7588** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **88816E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A2A9BD**, and **3E4556** is the 20% darker color. If you saturate the color by 10%, you get **606B88**, and if you desaturate by 10%, it is **7C7F88**.

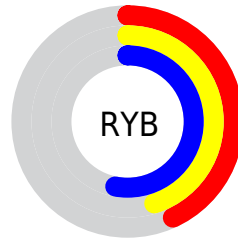
# Distribution



Red (43%)

Green (46%)

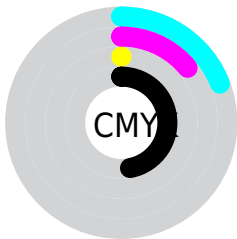
Blue (53%)



Red (43%)

Yellow (45%)

Blue (53%)

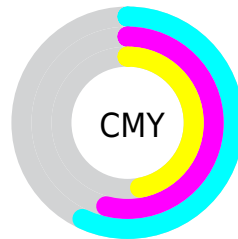


Cyan (19%)

Magenta (14%)

Yellow (0%)

Black (47%)



Cyan (57%)

Magenta (54%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E7588 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 6E7588 by changing the saturation by 10% instead.





6E7588



6E7588

FFFFFF



555C6F



A2A9BD



3E4556



BDC4D9



282F3F



D9E0F6



121A29



F5FDFF



000115



000000



6E7588



6E7588



606B88



7C7F88



536188



898988

■ 455788

■ 979388

■ 384D88

■ A49D88

■ 2A4388

■ B2A788

■ 1C3988

■ C0B188

■ 0F2F88

■ CDBB88

■ 012588

■ DBC588

■ 002588

■ E8CE88

# Harmonies

## Analogous

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



637887



6E7588



7A7284

# Triad

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



6E7588



89706A



657A6E

# Complementary

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



6E7588



88816E

# 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.



6F7866



6E7588



837263

# Square

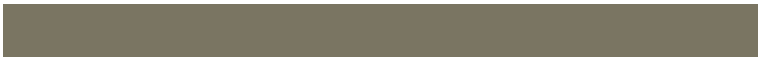
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6E7588



896E73



7A7562



5D7B78

# Rectangle

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



6E7588



81707F



7A7562



687A6B



# Sweetspot

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



6E7588



A5A8B0



6E8881



535559



D9D9D9



595959



# Same Dimension

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



6E7588



8792B0



746E88



3E4045



002485



000105



# Inverse Universe

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



886E75



B08792



82886E



453E40



850024



050001



# Previews

## White Background



This preview shows how the Hex color 6E7588 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 ✓ Pass

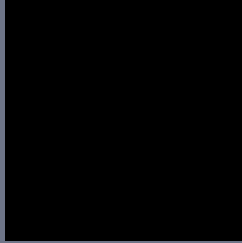
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

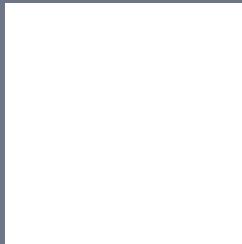
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E7588 Background



This preview shows how black text looks on a background with the Hex color 6E7588.



This preview shows how white text looks on a background with the Hex color 6E7588.

# 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**  
6E7588

**Protanopia**  
717487

**Deuteranopia**  
777289



**Tritanopia**  
6C7680

# Trichromacy



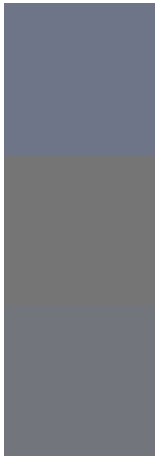
**Original Color**  
6E7588

**Protanomaly**  
707487

**Deuteranomaly**  
747389

**Tritanomaly**  
6D7683

# Monochromacy



**Original Color**  
6E7588

**Achromatopsia**  
757575

**Achromatomaly**  
72757C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E7588 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 #6E7588 looks like.

```
.text, #text, p{  
    color:#6E7588  
}
```

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 #6E7588 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E7588  
}
```

## Border

The CSS property to change the border of an element to Hex 6E7588 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  
#6E7588 }
```

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

```
.border{ border-color:#6E7588 }
```

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

Here you see how a box with a 4 pixel #6E7588 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E7588; -webkit-box-shadow:4px 4px  
4px 4px #6E7588; box-shadow:4px 4px 4px  
4px #6E7588 }
```

# Background

The CSS property to change the background color of an element to Hex 6E7588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E7588 }
```

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

```
.background{ background-color:#6E7588 }
```

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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