

# Converting Colors

Hex(6E7679)

Have a look what the booklet for  
Hex(6E7679) contains.

<b>Hex(6E7679)</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(6E7679)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E7679
RGB	110, 118, 121
RGB Percent	43%, 46%, 47%
CMY	0.5686, 0.5373, 0.5255
CMYK	0.09, 0.02, 0.00, 0.53
HSL	196°, 5%, 45%
HSV	196°, 9%, 47%
XYZ	16.3600, 17.6523, 20.6341
YIQ	115.9500, -5.7310, -0.7630

# Conversions

## Conversions Part 2

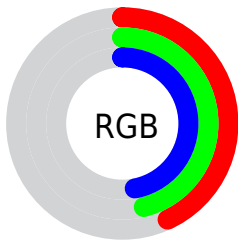
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 115, 121
Decimal	7239289
CIE <sub>Lab</sub>	49.07, -2.35, -2.69
CIE <sub>LCh</sub>	49, 3.568, 228.831
Yxy	17.6523, 0.2994, 0.3230
Android (android.graphics.Color)	4285429369 (0xFF6E7679)
YUV	115.9500, 2.4897, -5.2181
Hunter-Lab	42.0147, -4.0199, 0.2919

# Details

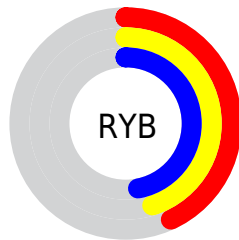
The Hex color **6E7679** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **79716E**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A2AAAD**, and **3E4649** is the 20% darker color. If you saturate the color by 10%, you get **627379**, and if you desaturate by 10%, it is **7A7979**.

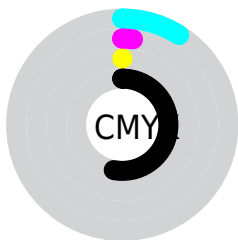
# Distribution



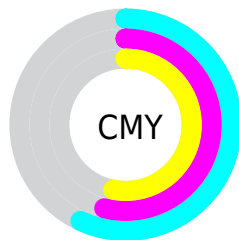
- Red (43%)
- Green (46%)
- Blue (47%)



- Red (43%)
- Yellow (45%)
- Blue (47%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (53%)



- Cyan (57%)
- Magenta (54%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E7679 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 6E7679 by changing the saturation by 10% instead.



■ 6E7679

■ 6E7679

FFFFFF

■ 565D60

■ A2AAAD

■ 3E4649

■ BDC5C9

■ 282F32

■ D8E1E5

■ 141B1D

■ F5FEFF

■ 000003

■ 000000

■ 6E7679

■ 6E7679

■ 627379

■ 7A7979

■ 566F79

■ 867D79

■ 4A6C79

■ 928079

■ 3E6979

■ 9E8379

■ 326679

■ AB8679

■ 256279

■ B78A79

■ 195F79

■ C38D79

■ 0D5C79

■ CF9079

■ 015879

■ DB9479

# Harmonies

## Analogous

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



6D7676



6E7679



70757A

# Triad

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



6E7679



7A7376



75756F

# Complementary

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



6E7679



79716E

# 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.



78746F



6E6779



7B7373

# Square

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



6E7679



787379



7B7370



727671

# Rectangle

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



6E7679



73757A



7B7370



76756F



# Sweetspot

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



6E7679



999D9E



6E7971



4C4E4F



CFCFCF



4F4F4F



# Same Dimension

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



6E7679



8D999E



6E7179



373C3D



005B7D



00B8FC



# Inverse Universe

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



796E76



9E8D99



79766E



3D373C



7D005B



FC00B8



# Previews

## White Background



This preview shows how the Hex color 6E7679 looks on a white background.

## Color Contrast Check

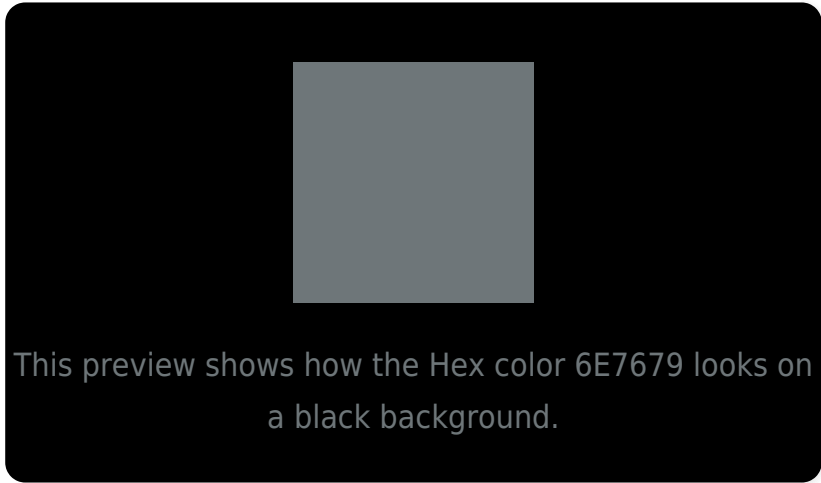
Large Text (above 18pt) WCAG AA ✓ Pass

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

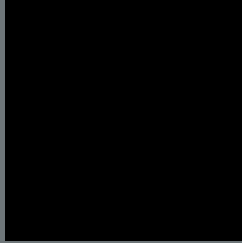
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

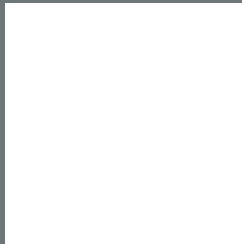
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E7679 Background



This preview shows how black text looks on a background with the Hex color 6E7679.



This preview shows how white text looks on a background with the Hex color 6E7679.

# 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**  
6E7679

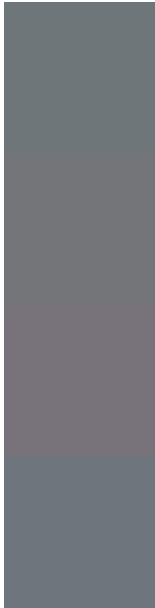
**Protanopia**  
767478

**Deuteranopia**  
7D717A



**Tritanopia**  
6F757E

# Trichromacy



**Original Color**  
6E7679

**Protanomaly**  
737578

**Deuteranomaly**  
78737A

**Tritanomaly**  
6F757C

# Monochromacy



**Original Color**  
6E7679

**Achromatopsia**  
747474

**Achromatomaly**  
727576

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E7679 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 #6E7679 looks like.

```
.text, #text, p{  
    color:#6E7679  
}
```

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 #6E7679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E7679
}
```

## Border

The CSS property to change the border of an element to Hex 6E7679 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
#6E7679 }
```

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

```
.border{ border-color:#6E7679 }
```

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

Here you see how a box with a 4 pixel #6E7679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E7679; -webkit-box-shadow:4px 4px  
4px 4px #6E7679; box-shadow:4px 4px 4px  
4px #6E7679 }
```

# Background

The CSS property to change the background color of an element to Hex 6E7679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E7679 }
```

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

```
.background{ background-color:#6E7679 }
```

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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