

# Converting Colors

Hex(6C7679)

Have a look what the booklet for  
Hex(6C7679) contains.

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# Color

Hex(6C7679)

# Conversions

## Conversions Part 1

Format	Color
Hex	6C7679
RGB	108, 118, 121
RGB Percent	42%, 46%, 47%
CMY	0.5765, 0.5373, 0.5255
CMYK	0.11, 0.02, 0.00, 0.53
HSL	194°, 6%, 45%
HSV	194°, 11%, 47%
XYZ	16.1140, 17.5255, 20.6226
YIQ	115.3520, -6.9230, -1.1870

# Conversions

## Conversions Part 2

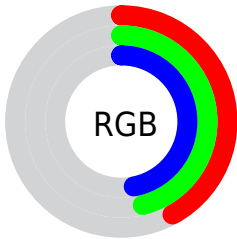
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 114, 121
Decimal	7108217
CIE Lab	48.92, -3.08, -2.93
CIE LCh	49, 4.251, 223.638
Yxy	17.5255, 0.2970, 0.3230
Android (android.graphics.Color)	4285298297 (0xFF6C7679)
YUV	115.3520, 2.7845, -6.4477
Hunter-Lab	41.8635, -4.5533, 0.0972

# Details

The Hex color **6C7679** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **796F6C**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9FAAAD**, and **3D4649** is the 20% darker color. If you saturate the color by 10%, you get **607379**, and if you desaturate by 10%, it is **787979**.

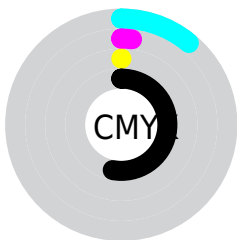
# Distribution



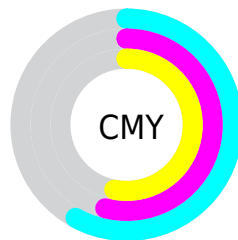
- Red (42%)
- Green (46%)
- Blue (47%)



- Red (42%)
- Yellow (45%)
- Blue (47%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (54%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C7679 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 6C7679 by changing the saturation by 10% instead.





6C7679



6C7679

FFFFFF



545D60



9FAAAD



3D4649



BAC5C9



272F32



D6E1E5



121B1D



F3FEFF



000003



000000



6C7679



6C7679



607379



787979



547079



847C79

486E79

907E79

3C6B79

9C8179

2F6879

A98479

236579

B58779

176279

C18A79

0B6079

CD8C79

005D79

D98F79

# Harmonies

## Analogous

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



6C7676



6C7679



6F757B

# Triad

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



6C7679



7A7276



76746D

# Complementary

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



6C7679



796F6C

# 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.



79736D



6C7679



7C7273

# Square

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



6C7679



777379



7C726F



71766F

# Rectangle

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



6C7679



71747B



7C726F



77746D



# Sweetspot

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



6C7679



999D9E



6C796F



4C4E4F



CFCFCF



4F4F4F



# Same Dimension

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



6C7679



8A999E



6C7079



373C3D



00607D



00C2FC



# Inverse Universe

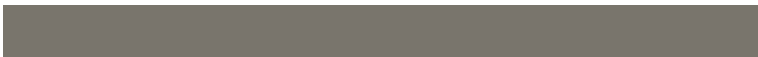
The Inverse Universe completely reimagines the original color for something new.



796C76



9E8A99



79756C



3D373C



7D0060



FC00C2



# Previews

## White Background



This preview shows how the Hex color 6C7679 looks on a white background.

## Color Contrast Check

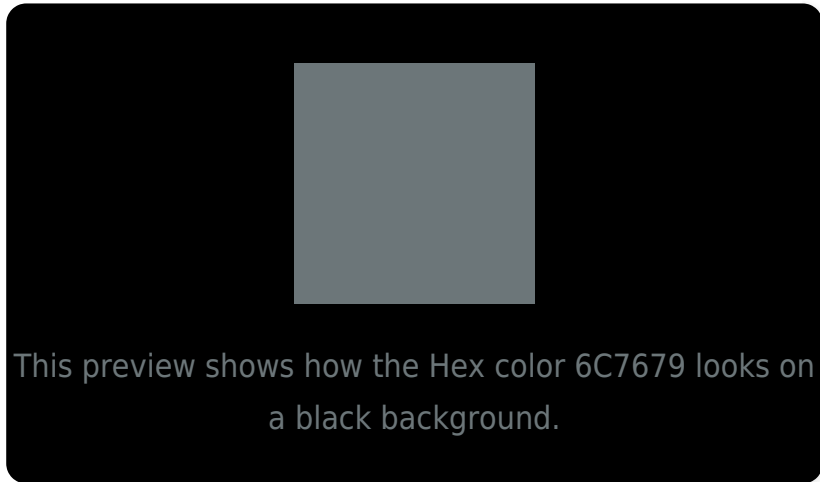
Large Text (above 18pt) WCAG AA ✓ Pass

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

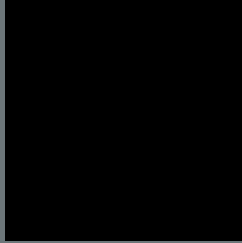
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

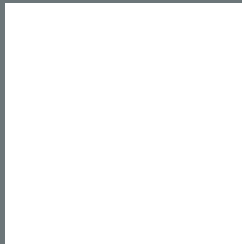
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C7679 Background



This preview shows how black text looks on a background with the Hex color 6C7679.



This preview shows how white text looks on a background with the Hex color 6C7679.

# 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**  
6C7679

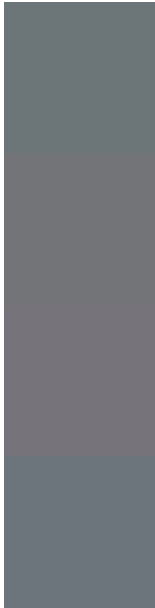
**Protanopia**  
757377

**Deuteranopia**  
7D717A



**Tritanopia**  
6D757E

# Trichromacy



**Original Color**  
6C7679

**Protanomaly**  
727478

**Deuteranomaly**  
77737A

**Tritanomaly**  
6D757C

# Monochromacy



**Original Color**  
6C7679

**Achromatopsia**  
737373

**Achromatomaly**  
707475

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C7679 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 #6C7679 looks like.

```
.text, #text, p{  
    color:#6C7679  
}
```

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 #6C7679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7679
}
```

## Border

The CSS property to change the border of an element to Hex 6C7679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

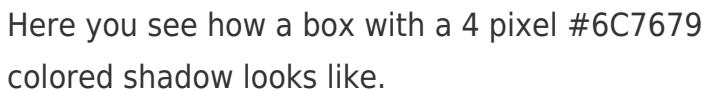
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C7679 }
```

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

```
.border{ border-color:#6C7679 }
```

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



Here you see how a box with a 4 pixel #6C7679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7679; -webkit-box-shadow:4px 4px  
4px 4px #6C7679; box-shadow:4px 4px 4px  
4px #6C7679 }
```

# Background

The CSS property to change the background color of an element to Hex 6C7679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7679 }
```

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

```
.background{ background-color:#6C7679 }
```

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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