

Converting Colors

Hex(63777B)

Have a look what the booklet for
Hex(63777B) contains.

Hex(63777B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(63777B)

Conversions

Conversions Part 1

Format	Color
Hex	63777B
RGB	99, 119, 123
RGB Percent	39%, 47%, 48%
CMY	0.6118, 0.5333, 0.5176
CMYK	0.20, 0.03, 0.00, 0.52
HSL	190°, 11%, 44%
HSV	190°, 20%, 48%
XYZ	15.3176, 17.2764, 21.2662
YIQ	113.4760, -13.2040, -2.9960

Conversions

Conversions Part 2

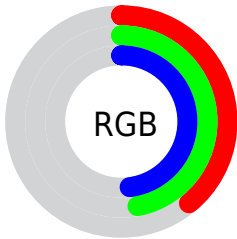
Format	Color
R_{YB}	99, 110, 123
Decimal	6518651
CIE _{Lab}	48.61, -6.38, -4.65
CIE _{LCh}	49, 7.895, 216.079
Yxy	17.2764, 0.2844, 0.3208
Android (android.graphics.Color)	4284708731 (0xFF63777B)
YUV	113.4760, 4.6953, -12.6955
Hunter-Lab	41.5648, -6.9573, -1.2398

Details

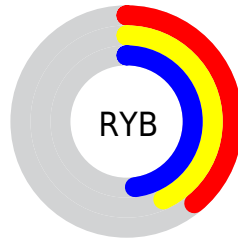
The Hex color **63777B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B6763**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **96ABAF**, and **34474A** is the 20% darker color. If you saturate the color by 10%, you get **57757B**, and if you desaturate by 10%, it is **6F797B**.

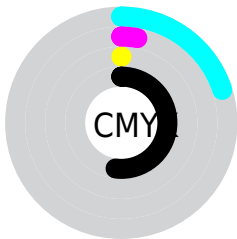
Distribution



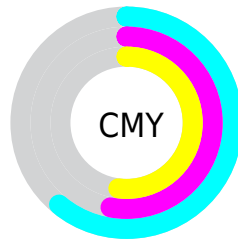
- Red (39%)
- Green (47%)
- Blue (48%)



- Red (39%)
- Yellow (43%)
- Blue (48%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (52%)



- Cyan (61%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63777B 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 63777B by changing the saturation by 10% instead.

■ 63777B

■ 63777B

FFFFFF

■ 4B5E62

■ 96ABAF

■ 34474A

■ B1C6CB

■ 1E3034

■ CDE2E7

■ 081B1F

■ E9FFFF

■ 000005

■ 000000

■ 63777B

■ 63777B

■ 57757B

■ 6F797B

■ 4A737B

■ 7C7B7B

■ 3E717B

■ 887D7B

■ 326F7B

■ 947F7B

■ 256D7B

■ A1817B

■ 196B7B

■ AD837B

■ 0D697B

■ B9857B

■ 01677B

■ C5877B

■ 00667B

■ D2897B

Harmonies

Analogous

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



647775



63777B



67767F

Triad

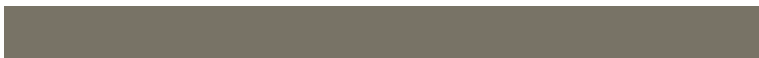
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63777B



7E7079



787366

Complementary

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



63777B



7B6763

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.



7E7167



63777B



816F72

Square

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



63777B



76717E



82706C



707569

Rectangle

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



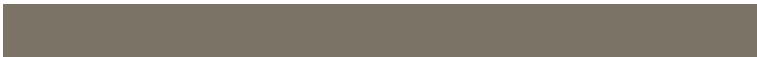
63777B



6B7481



82706C



7A7366

Sweetspot

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



63777B



979FA1



637B67



4C5152



D1D1D1



525252

Same Dimension

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



63777B



7C9AA1



636B7B



373C3D



00687D



00D2FC

Inverse Universe

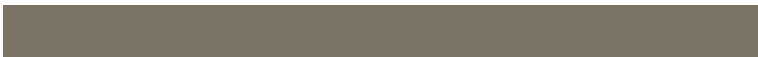
The Inverse Universe completely reimagines the original color for something new.



7B6377



A17C9A



7B7363



3D373C



7D0068



FC00D2

Previews

White Background



This preview shows how the Hex color 63777B looks on a white background.

Color Contrast Check

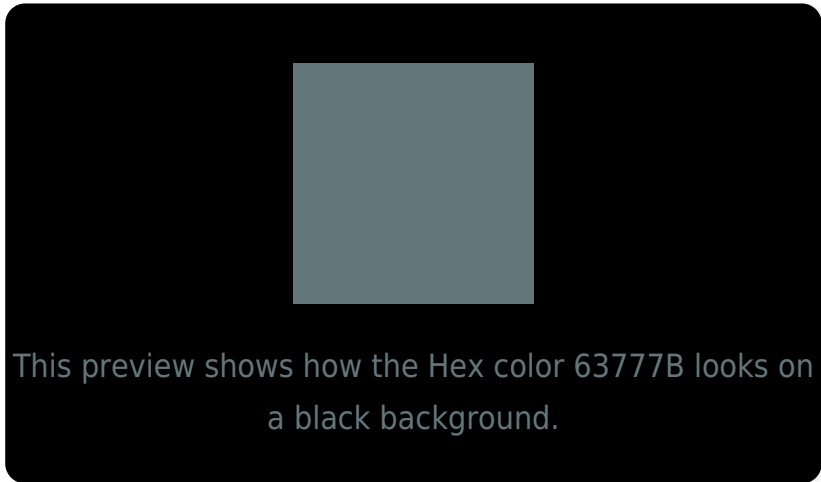
Large Text (above 18pt) WCAG AA ✓ Pass

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

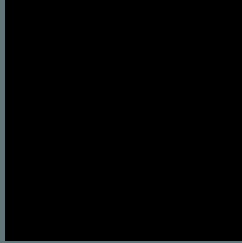
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

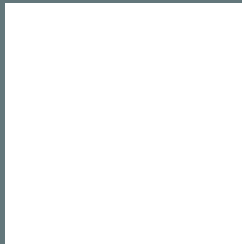
Any Text WCAG AAA × Fail

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

Hex 63777B Background



This preview shows how black text looks on a background with the Hex color 63777B.



This preview shows how white text looks on a background with the Hex color 63777B.

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
63777B

Protanopia
747378

Deuteranopia
7A707C



Tritanopia
647680

Trichromacy



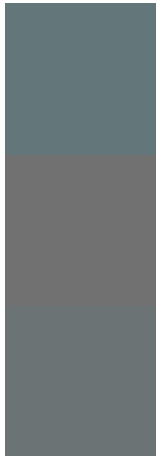
Original Color
63777B

Protanomaly
6E7479

Deuteranomaly
72737C

Tritanomaly
64767E

Monochromacy



Original Color
63777B

Achromatopsia
717171

Achromatomaly
6C7375

CSS Examples

Text

The CSS property to change the color of the text to Hex 63777B 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 #63777B looks like.

```
.text, #text, p{  
    color:#63777B  
}
```

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 #63777B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63777B  
}
```

Border

The CSS property to change the border of an element to Hex 63777B 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  
#63777B }
```

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

```
.border{ border-color:#63777B }
```

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

Here you see how a box with a 4 pixel #63777B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63777B; -webkit-box-shadow:4px 4px  
4px 4px #63777B; box-shadow:4px 4px 4px  
4px #63777B }
```

Background

The CSS property to change the background color of an element to Hex 63777B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63777B }
```

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

```
.background{ background-color:#63777B }
```

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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