

Converting Colors

Hex(67707B)

Have a look what the booklet for
Hex(67707B) contains.

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Color

Hex(67707B)

Conversions

Conversions Part 1

Format	Color
Hex	67707B
RGB	103, 112, 123
RGB Percent	40%, 44%, 48%
CMY	0.5961, 0.5608, 0.5176
CMYK	0.16, 0.09, 0.00, 0.52
HSL	213°, 9%, 44%
HSV	213°, 16%, 48%
XYZ	14.9628, 15.9020, 21.0197
YIQ	110.5630, -8.8950, 1.5130

Conversions

Conversions Part 2

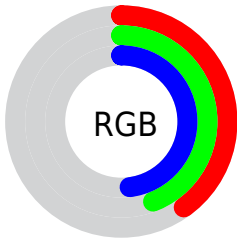
Format	Color
R_{YB}	103, 109, 123
Decimal	6779003
CIE _{Lab}	46.85, -0.91, -7.24
CIE _{LCh}	47, 7.292, 262.846
Yxy	15.9020, 0.2884, 0.3065
Android (android.graphics.Color)	4284969083 (0xFF67707B)
YUV	110.5630, 6.1314, -6.6328
Hunter-Lab	39.8773, -2.8080, -3.3382

Details

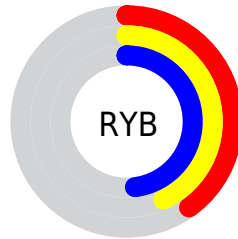
The Hex color **67707B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B7267**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9AA4AF**, and **38404A** is the 20% darker color. If you saturate the color by 10%, you get **5B697B**, and if you desaturate by 10%, it is **73777B**.

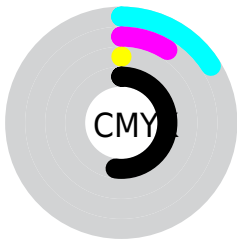
Distribution



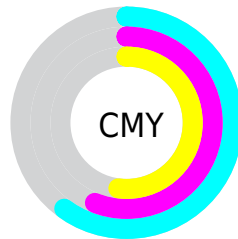
- Red (40%)
- Green (44%)
- Blue (48%)



- Red (40%)
- Yellow (43%)
- Blue (48%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (52%)



- Cyan (60%)
- Magenta (56%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67707B 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 67707B by changing the saturation by 10% instead.

■ 67707B

■ 67707B

FFFFFF

■ 4F5862

■ 9AA4AF

■ 38404A

■ B5BFCB

■ 222A34

■ D1DBE7

■ 0D161F

■ EDF7FF

■ 000004

■ 000000

■ 67707B

■ 67707B

■ 5B697B

■ 73777B

■ 4E627B

■ 807E7B

■ 425C7B

■ 8C847B

■ 36557B

■ 988B7B

■ 2A4E7B

■ A5927B

■ 1D477B

■ B1997B

■ 11417B

■ BD9F7B

■ 053A7B

■ C9A67B

■ 00377B

■ D6AD7B

Harmonies

Analogous

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



627279



67707B



6F6E7A

Triad

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



67707B



7C6B6B



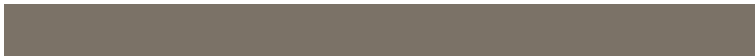
687268

Complementary

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



67707B



7B7267

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.



6F7064



67707B



7B6C66

Square

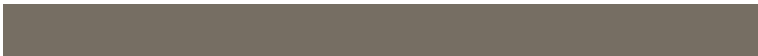
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67707B



7B6B71



766E63



62736D

Rectangle

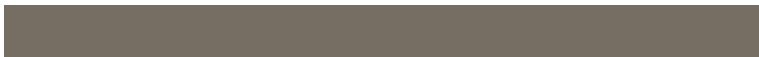
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67707B



736D78



766E63



6A7166

Sweetspot

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



67707B



999CA1



677B72



4D4F52



D1D1D1



525252

Same Dimension

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



67707B



818FA1



68677B



373A3D



00387D



0072FC

Inverse Universe

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



7B6770



A1818F



7A7B67



3D373A



7D0038



FC0072

Previews

White Background



This preview shows how the Hex color 67707B 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

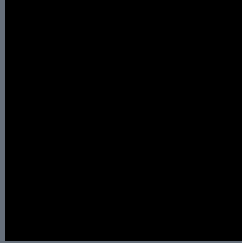
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

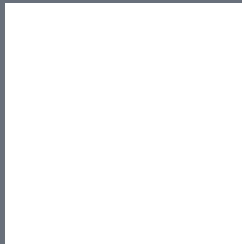
Any Text WCAG AAA × Fail

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

Hex 67707B Background



This preview shows how black text looks on a background with the Hex color 67707B.



This preview shows how white text looks on a background with the Hex color 67707B.

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
67707B

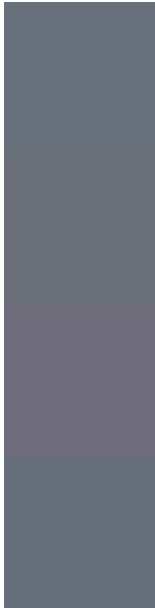
Protanopia
6E6E7A

Deuteranopia
746C7C



Tritanopia
677079

Trichromacy



Original Color
67707B

Protanomaly
6B6F7A

Deuteranomaly
6F6D7C

Tritanomaly
67707A

Monochromacy



Original Color
67707B

Achromatopsia
6F6F6F

Achromatomaly
6C6F73

CSS Examples

Text

The CSS property to change the color of the text to Hex 67707B 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 #67707B looks like.

```
.text, #text, p{  
    color:#67707B  
}
```

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 #67707B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67707B
}
```

Border

The CSS property to change the border of an element to Hex 67707B is called "border". The border property can be set on classes, ids or directly on the HTML element.

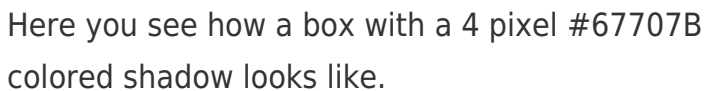
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67707B }
```

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

```
.border{ border-color:#67707B }
```

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



Here you see how a box with a 4 pixel #67707B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67707B; -webkit-box-shadow:4px 4px  
4px 4px #67707B; box-shadow:4px 4px 4px  
4px #67707B }
```

Background

The CSS property to change the background color of an element to Hex 67707B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67707B }
```

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

```
.background{ background-color:#67707B }
```

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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