

Converting Colors

Hex(4B757B)

Have a look what the booklet for
Hex(4B757B) contains.

Hex(4B757B)	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(4B757B)

Conversions

Conversions Part 1

Format	Color
Hex	4B757B
RGB	75, 117, 123
RGB Percent	29%, 46%, 48%
CMY	0.7059, 0.5412, 0.5176
CMYK	0.39, 0.05, 0.00, 0.52
HSL	188°, 24%, 39%
HSV	188°, 39%, 48%
XYZ	12.8381, 15.6485, 21.0827
YIQ	105.1260, -26.9580, -7.0380

Conversions

Conversions Part 2

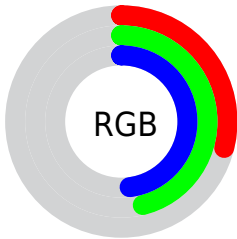
Format	Color
RYB	75, 97, 123
Decimal	4945275
CIELab	46.51, -12.90, -7.93
CIElCh	47, 15.140, 211.582
Yxy	15.6485, 0.2590, 0.3157
Android (android.graphics.Color)	4283135355 (0xFF4B757B)
YUV	105.1260, 8.8119, -26.4205
Hunter-Lab	39.5582, -11.2970, -3.9082

Details

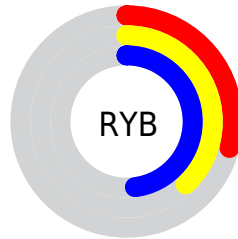
The Hex color **4B757B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B514B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7EA9AF**, and **19454A** is the 20% darker color. If you saturate the color by 10%, you get **3F737B**, and if you desaturate by 10%, it is **57777B**.

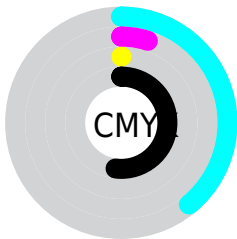
Distribution



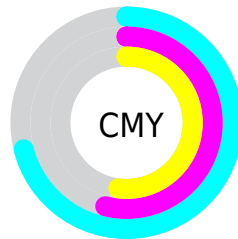
- Red (29%)
- Green (46%)
- Blue (48%)



- Red (29%)
- Yellow (38%)
- Blue (48%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (52%)



- Cyan (71%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B757B 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 4B757B by changing the saturation by 10% instead.

■ 4B757B

■ 4B757B

FFFFFF

■ 325C62

■ 7EA9AF

■ 19454A

■ 99C4CB

■ 002E34

■ B4E0E7

■ 001A1F

■ D0FDFD

■ 000005

■ EDFFFF

■ 000000

■ 4B757B

■ 4B757B

■ 3F737B

■ 57777B

■ 32727B

■ 64787B

■ 26707B

■ 707A7B

■ 1A6F7B

■ 7C7B7B

■ 0D6D7B

■ 897D7B

■ 016C7B

■ 957E7B

■ 006C7B

■ A1807B

■ AD817B

■ BA837B

Harmonies

Analogous

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



4F766E



4B757B



517384

Triad

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



4B757B



7F677A



776E55

Complementary

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



4B757B



7B514B

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.



826958



4B757B



87656E

Square

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



4B757B



716B84



886661



697158

Rectangle

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



4B757B



5B7087



886661



7B6C55

Sweetspot

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



4B757B



8D9EA1



4B7B51



465052



D1D1D1



525252

Same Dimension

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



4B757B



5597A1



4B5D7B



373C3D



006D7D



00DDFC

Inverse Universe

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



7B4B75



A15597



7B694B



3D373C



7D006D



FC00DD

Previews

White Background



This preview shows how the Hex color 4B757B looks on a white background.

Color Contrast Check

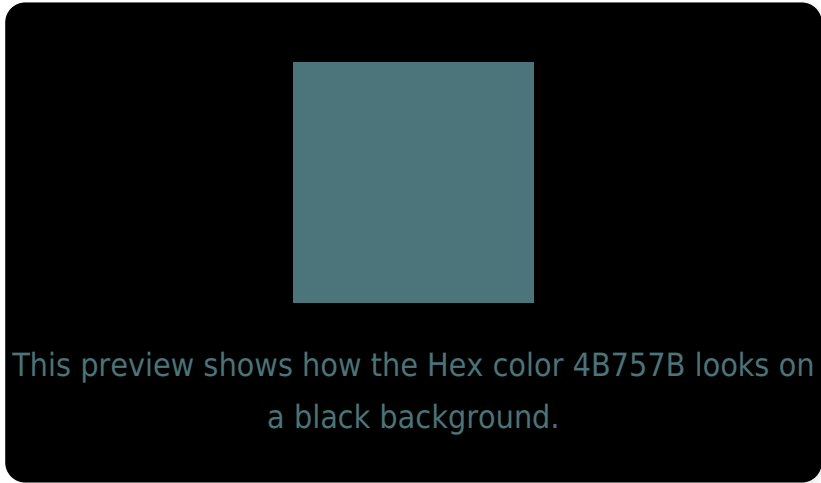
Large Text (above 18pt) WCAG AA ✓ Pass

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

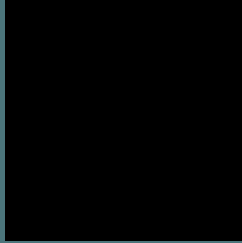
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

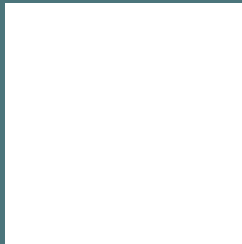
Any Text WCAG AAA × Fail

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

Hex 4B757B Background



This preview shows how black text looks on a background with the Hex color 4B757B.

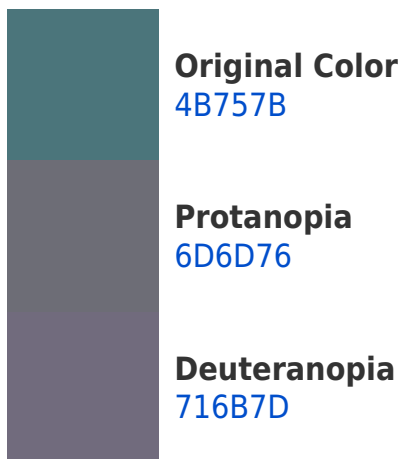


This preview shows how white text looks on a background with the Hex color 4B757B.

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](#).

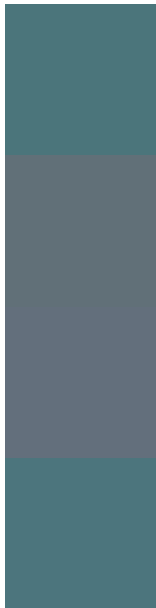
Dichromacy





Tritanopia
4C757E

Trichromacy



Original Color
4B757B

Protanomaly
617078

Deuteranomaly
636F7C

Tritanomaly
4C757D

Monochromacy



Original Color
4B757B

Achromatopsia
696969

Achromatomaly
5E6D70

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B757B 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 #4B757B looks like.

```
.text, #text, p{  
    color:#4B757B  
}
```

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 #4B757B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B757B  
}
```

Border

The CSS property to change the border of an element to Hex 4B757B 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  
#4B757B }
```

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

```
.border{ border-color:#4B757B }
```

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

Here you see how a box with a 4 pixel #4B757B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B757B; -webkit-box-shadow:4px 4px  
4px 4px #4B757B; box-shadow:4px 4px 4px  
4px #4B757B }
```

Background

The CSS property to change the background color of an element to Hex 4B757B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B757B }
```

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

```
.background{ background-color:#4B757B }
```

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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