

Converting Colors

Hex(4B788E)

Have a look what the booklet for
Hex(4B788E) contains.

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Color

Hex(4B788E)

Conversions

Conversions Part 1

Format	Color
Hex	4B788E
RGB	75, 120, 142
RGB Percent	29%, 47%, 56%
CMY	0.7059, 0.5294, 0.4431
CMYK	0.47, 0.15, 0.00, 0.44
HSL	200°, 31%, 43%
HSV	200°, 47%, 56%
XYZ	14.5006, 16.8818, 28.0854
YIQ	109.0530, -33.8820, -2.6980

Conversions

Conversions Part 2

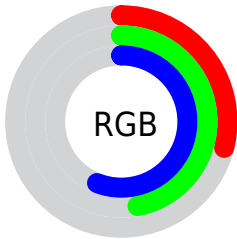
Format	Color
R_{YB}	75, 102, 142
Decimal	4946062
CIE _{Lab}	48.11, -9.17, -16.78
CIE _{LCh}	48, 19.119, 241.338
Yxy	16.8818, 0.2438, 0.2839
Android (android.graphics.Color)	4283136142 (0xFF4B788E)
YUV	109.0530, 16.2429, -29.8645
Hunter-Lab	41.0875, -8.9067, -11.7666

Details

The Hex color **4B788E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8E614B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7FACC4**, and **14485C** is the 20% darker color. If you saturate the color by 10%, you get **3D738E**, and if you desaturate by 10%, it is **597D8E**.

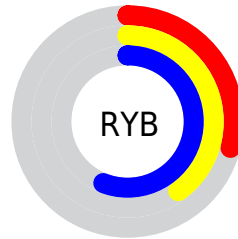
Distribution



Red (29%)

Green (47%)

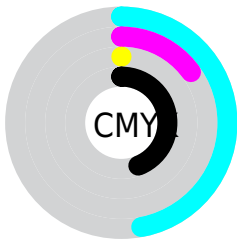
Blue (56%)



Red (29%)

Yellow (40%)

Blue (56%)

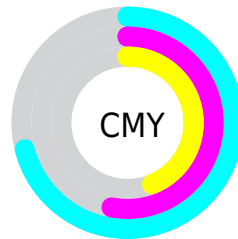


Cyan (47%)

Magenta (15%)

Yellow (0%)

Black (44%)



Cyan (71%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B788E 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 4B788E by changing the saturation by 10% instead.

■ 4B788E

■ 4B788E

FFFFFF

■ 315F74

■ 7FACC4

■ 14485C

■ 9AC8E0

■ 003144

■ B6E4FC

■ 001C2E

■ D2FFFF

■ 000119

■ EFFFFFF

■ 000000

■ 4B788E

■ 4B788E

■ 3D738E

■ 597D8E

■ 2F6F8E

■ 67818E

■ 206A8E

■ 76868E

■ 12658E

■ 848B8E

■ 04618E

■ 928F8E

■ 005F8E

■ A0948E

■ AE998E

■ BD9D8E

■ CBA28E

Harmonies

Analogous

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



427B82



4B788E



5F7392

Triad

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



4B788E



926672



6C7656

Complementary

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



4B788E



8E614B

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.



7D7152



4B788E



926862

Square

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



4B788E



886982



8B6C56



597A62

Rectangle

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



4B788E



6E7090



8B6C56



727554

Sweetspot

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



4B788E



9EAFB8



4B8E60



4C575C



DBDBDB



5C5C5C

Same Dimension

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



4B788E



4F95B8



4B578E



404547



005B87



000508

Inverse Universe

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



8E4B78



B84F95



8E824B



474045



87005B



080005

Previews

White Background



This preview shows how the Hex color 4B788E looks on a white background.

Color Contrast Check

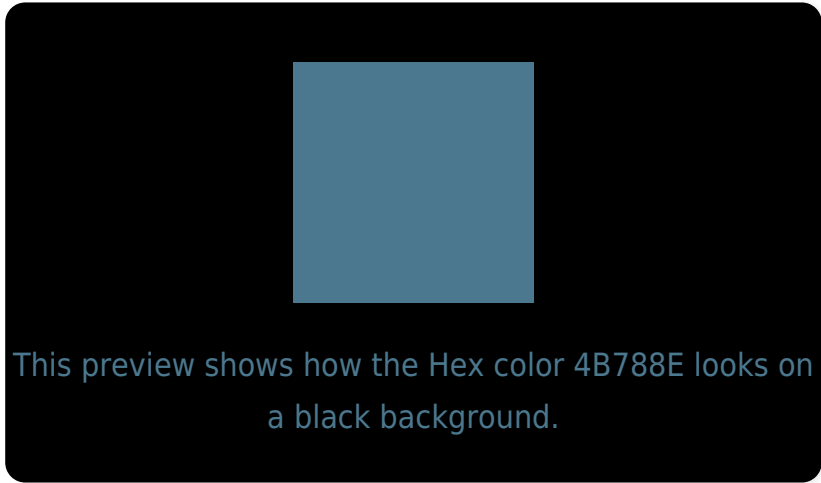
Large Text (above 18pt) WCAG AA ✓ Pass

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

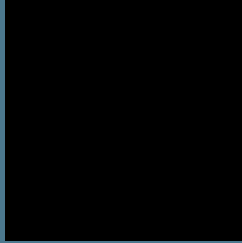
Any Text WCAG AA × Fail

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 4B788E Background



This preview shows how black text looks on a background with the Hex color 4B788E.

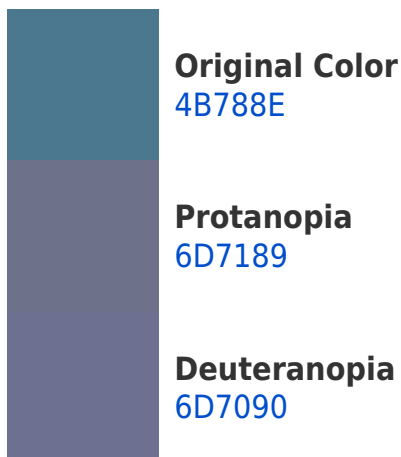



This preview shows how white text looks on a background with the Hex color 4B788E.

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](#).

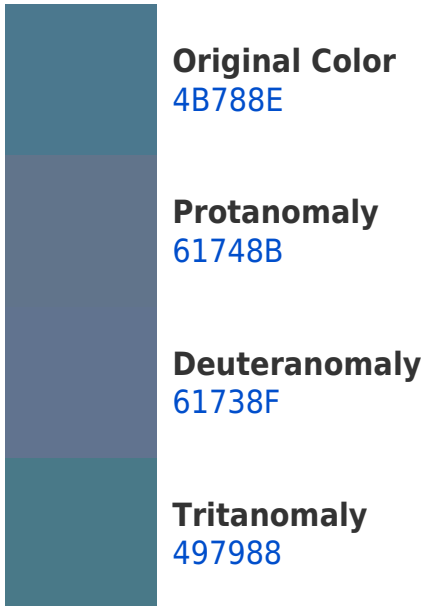
Dichromacy





Tritanopia
487A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B788E 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 #4B788E looks like.

```
.text, #text, p{  
    color:#4B788E  
}
```

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 #4B788E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B788E
}
```

Border

The CSS property to change the border of an element to Hex 4B788E 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
#4B788E }
```

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

```
.border{ border-color:#4B788E }
```

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

Here you see how a box with a 4 pixel #4B788E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B788E; -webkit-box-shadow:4px 4px  
4px 4px #4B788E; box-shadow:4px 4px 4px  
4px #4B788E }
```

Background

The CSS property to change the background color of an element to Hex 4B788E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B788E }
```

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

```
.background{ background-color:#4B788E }
```

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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