

Converting Colors

Hex(4B7580)

Have a look what the booklet for
Hex(4B7580) contains.

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Color

Hex(4B7580)

Conversions

Conversions Part 1

Format	Color
Hex	4B7580
RGB	75, 117, 128
RGB Percent	29%, 46%, 50%
CMY	0.7059, 0.5412, 0.4980
CMYK	0.41, 0.09, 0.00, 0.50
HSL	192°, 26%, 40%
HSV	192°, 41%, 50%
XYZ	13.1592, 15.7769, 22.7738
YIQ	105.6960, -28.5630, -5.4830

Conversions

Conversions Part 2

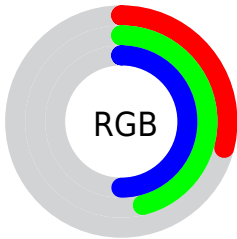
Format	Color
R_{YB}	75, 98, 128
Decimal	4945280
CIE _{Lab}	46.68, -11.51, -10.65
CIE _{LCh}	47, 15.682, 222.772
Yxy	15.7769, 0.2545, 0.3051
Android (android.graphics.Color)	4283135360 (0xFF4B7580)
YUV	105.6960, 10.9959, -26.9204
Hunter-Lab	39.7202, -10.3737, -6.1901

Details

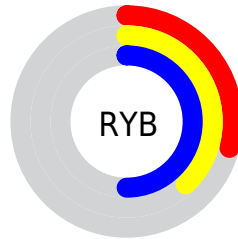
The Hex color **4B7580** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **80564B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7EA9B5**, and **18454F** is the 20% darker color. If you saturate the color by 10%, you get **3E7280**, and if you desaturate by 10%, it is **587880**.

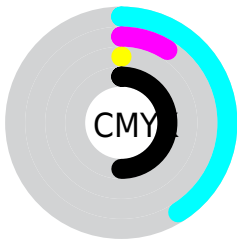
Distribution



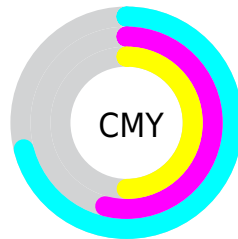
- Red (29%)
- Green (46%)
- Blue (50%)



- Red (29%)
- Yellow (38%)
- Blue (50%)



- Cyan (41%)
- Magenta (9%)
- Yellow (0%)
- Black (50%)



- Cyan (71%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B7580 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 4B7580 by changing the saturation by 10% instead.

■ 4B7580

■ 4B7580

FFFFFF

■ 325C67

■ 7EA9B5

■ 18454F

■ 99C4D0

■ 002E38

■ B4E0ED

■ 001A23

■ D0FDFF

■ 00000C

■ EDFFFF

■ 000000

■ 4B7580

■ 4B7580

■ 3E7280

■ 587880

■ 317080

■ 657A80

■ 256D80

■ 717D80

■ 186A80

■ 7E8080

■ 0B6880

■ 8B8280

■ 006580

■ 988580

■ A58880

■ B18A80

■ BE8D80

Harmonies

Analogous

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



4C7674



4B7580



567287

Triad

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



4B7580



846677



737055

Complementary

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



4B7580



80564B

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.



806B56



4B7580



8A6569

Square

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



4B7580



786982



88675D



64735B

Rectangle

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



4B7580



616F89



88675D



776E54

Sweetspot

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



4B7580



92A2A6



4B8056



485254



D4D4D4



545454

Same Dimension

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



4B7580



5395A6



4B5B80



393E40



006580



000000

Inverse Universe

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



804B75



A65395



80704B



40393E



800065



000000

Previews

White Background



This preview shows how the Hex color 4B7580 looks on a white background.

Color Contrast Check

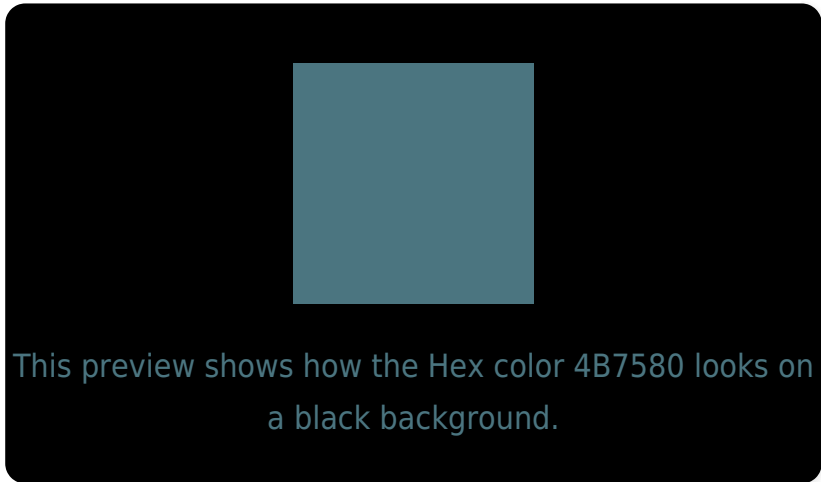
Large Text (above 18pt) WCAG AA ✓ Pass

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

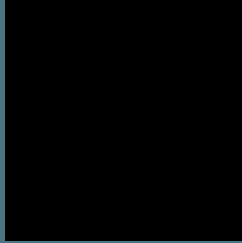
Any Text WCAG AA × Fail

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 4B7580 Background



This preview shows how black text looks on a background with the Hex color 4B7580.

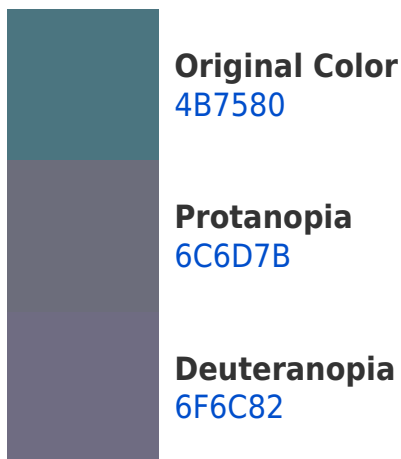



This preview shows how white text looks on a background with the Hex color 4B7580.

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](#).

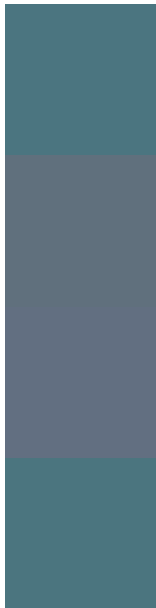
Dichromacy





Tritanopia
4B757F

Trichromacy



Original Color
4B7580

Protanomaly
60707D

Deuteranomaly
626F81

Tritanomaly
4B757F

Monochromacy



Original Color
4B7580

Achromatopsia
6A6A6A

Achromatomaly
5F6E72

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B7580 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 #4B7580 looks like.

```
.text, #text, p{  
    color:#4B7580  
}
```

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 #4B7580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7580
}
```

Border

The CSS property to change the border of an element to Hex 4B7580 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
#4B7580 }
```

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

```
.border{ border-color:#4B7580 }
```

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

Here you see how a box with a 4 pixel #4B7580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7580; -webkit-box-shadow:4px 4px  
4px 4px #4B7580; box-shadow:4px 4px 4px  
4px #4B7580 }
```

Background

The CSS property to change the background color of an element to Hex 4B7580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7580 }
```

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

```
.background{ background-color:#4B7580 }
```

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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