

Converting Colors

Hex(468780)

Have a look what the booklet for
Hex(468780) contains.

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Color

Hex(468780)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 468780 |
| RGB | 70, 135, 128 |
| RGB Percent | 27%, 53%, 50% |
| CMY | 0.7255, 0.4706, 0.4980 |
| CMYK | 0.48, 0.00, 0.05, 0.47 |
| HSL | 174°, 32%, 40% |
| HSV | 174°, 48%, 53% |
| XYZ | 15.0860, 20.1885, 23.5237 |
| YIQ | 114.7670, -36.4930, -15.9570 |

Conversions

Conversions Part 2

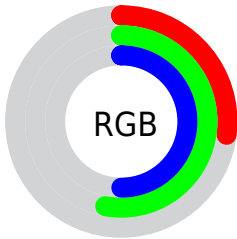
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 70, 104, 135 |
| Decimal | 4622208 |
| CIELab | 52.05, -22.60, -2.68 |
| CIELCh | 52, 22.759, 186.766 |
| Yxy | 20.1885, 0.2566, 0.3434 |
| Android (android.graphics.Color) | 4282812288 (0xFF468780) |
| YUV | 114.7670, 6.5239, -39.2607 |
| Hunter-Lab | 44.9317, -18.6981, 0.4112 |

Details

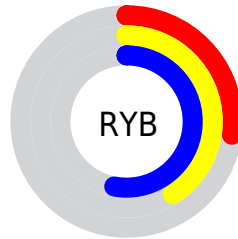
The Hex color **468780** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **87464D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **7BBDB5**, and **0A554F** is the 20% darker color. If you saturate the color by 10%, you get **39877F**, and if you desaturate by 10%, it is **548781**.

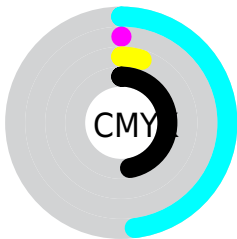
Distribution



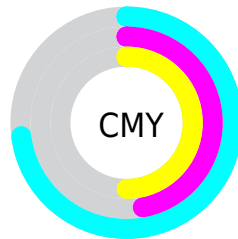
- Red (27%)
- Green (53%)
- Blue (50%)



- Red (27%)
- Yellow (41%)
- Blue (53%)



- Cyan (48%)
- Magenta (0%)
- Yellow (5%)
- Black (47%)



- Cyan (73%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 468780 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 468780 by changing the saturation by 10% instead.

 468780

 468780

FFFFFF

 2B6D67

 7BBDB5

 0A554F

 96D8D0

 003D38

 B2F5ED

 002723

 CEFFFF

 000E0D

 EBFFFF

 000000

 468780

 468780

 39877F

 548781

 2B877D

 618783

■ 1D877C

■ 6F8784

■ 10877A

■ 7C8786

■ 028779

■ 8A8787

■ 008778

■ 978789

■ A5878A

■ B2878C

■ C0878D

Harmonies

Analogous

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



5A866C



468780



3F8693

Triad

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



468780



85769B



977659

Complementary

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



468780



87464D

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.



A27066



468780



99708C

Square

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



468780



6A7CA3



A36E78



867C55

Rectangle

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



468780



47849C



A36E78



9B745C

Sweetspot

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



468780



97B0AD



4E8746



4A5958



D9D9D9



595959

Same Dimension

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



468780



4AB0A5



466E87



3C4242



008274



000302

Inverse Universe

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



87464D



B04A55



875F46



423C3C



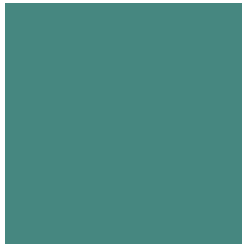
82000E



030000

Previews

White Background



This preview shows how the Hex color 468780 looks on a white background.

Color Contrast Check

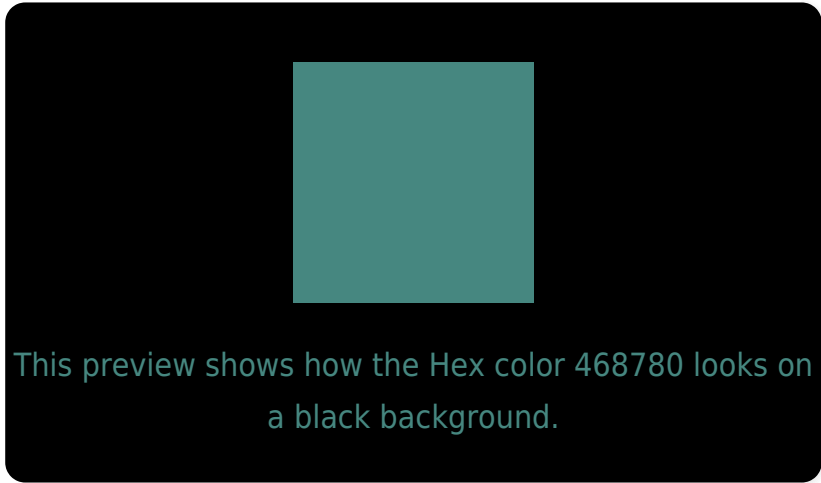
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

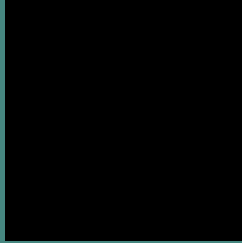
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 468780 Background



This preview shows how black text looks on a background with the Hex color 468780.

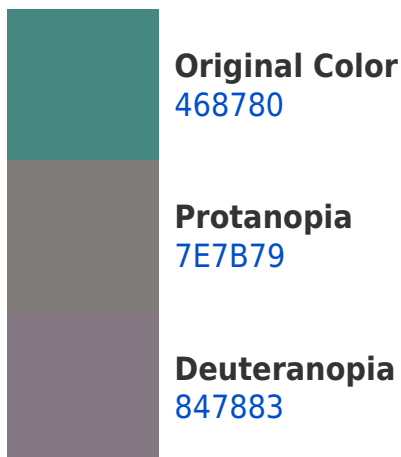



This preview shows how white text looks on a background with the Hex color 468780.

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](#).

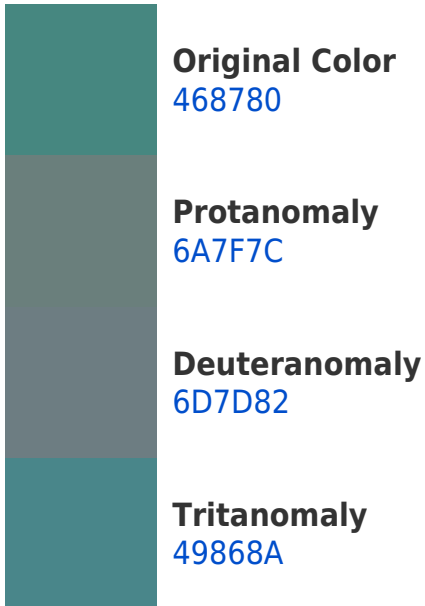
Dichromacy



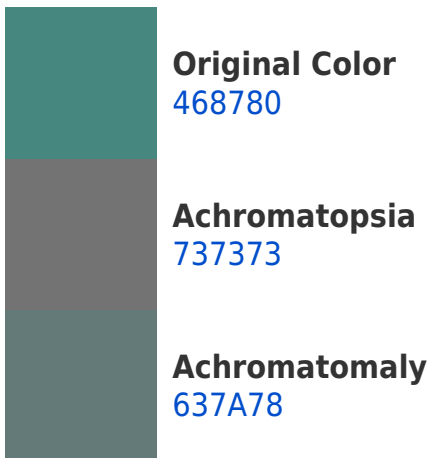


Tritanopia
4B858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 468780 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 #468780 looks like.

```
.text, #text, p{  
    color:#468780  
}
```

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 #468780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468780
}
```

Border

The CSS property to change the border of an element to Hex 468780 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
#468780 }
```

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

```
.border{ border-color:#468780 }
```

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

Here you see how a box with a 4 pixel #468780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468780; -webkit-box-shadow:4px 4px  
4px 4px #468780; box-shadow:4px 4px 4px  
4px #468780 }
```

Background

The CSS property to change the background color of an element to Hex 468780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468780 }
```

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

```
.background{ background-color:#468780 }
```

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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