

Converting Colors

Hex(468998)

Have a look what the booklet for
Hex(468998) contains.

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Color

Hex(468998)

Conversions

Conversions Part 1

Format	Color
Hex	468998
RGB	70, 137, 152
RGB Percent	27%, 54%, 60%
CMY	0.7255, 0.4627, 0.4039
CMYK	0.54, 0.10, 0.00, 0.40
HSL	191°, 37%, 44%
HSV	191°, 54%, 60%
XYZ	17.1389, 21.4604, 32.9447
YIQ	118.6770, -44.7470, -9.5390

Conversions

Conversions Part 2

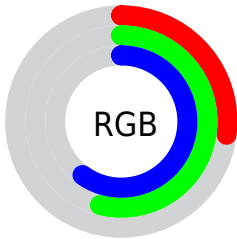
Format	Color
R_{YB}	70, 107, 152
Decimal	4622744
CIE _{Lab}	53.45, -16.87, -14.53
CIE _{LCh}	53, 22.266, 220.725
Yxy	21.4604, 0.2396, 0.3000
Android (android.graphics.Color)	4282812824 (0xFF468998)
YUV	118.6770, 16.4282, -42.6897
Hunter-Lab	46.3254, -15.0300, -9.7369

Details

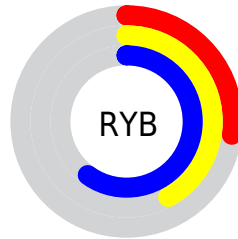
The Hex color **468998** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **985546**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **7DBFCE**, and **005765** is the 20% darker color. If you saturate the color by 10%, you get **378698**, and if you desaturate by 10%, it is **558C98**.

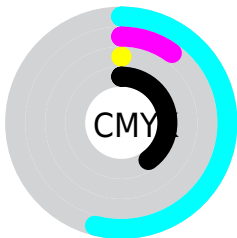
Distribution



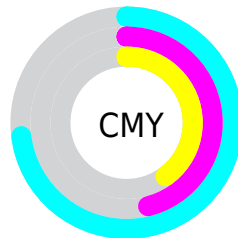
- Red (27%)
- Green (54%)
- Blue (60%)



- Red (27%)
- Yellow (42%)
- Blue (60%)



- Cyan (54%)
- Magenta (10%)
- Yellow (0%)
- Black (40%)



- Cyan (73%)
- Magenta (46%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 468998 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 468998 by changing the saturation by 10% instead.

■ 468998

■ 468998

FFFFFF

■ 29707E

■ 7DBFCE

■ 005765

■ 98DAEA

■ 003F4D

■ B4F7FF

■ 002936

■ D1FFFF

■ 001621

■ EEEFFF

■ 000008

■ 000000

■ 468998

■ 468998

■ 378698

■ 558C98

■ 288398

■ 648F98

■ 188198

■ 749198

■ 097E98

■ 839498

■ 007C98

■ 929798

■ A19A98

■ B09C98

■ C09F98

■ CFA298

Harmonies

Analogous

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



498A86



468998



5785A3

Triad

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



468998



9E738D



87815A

Complementary

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



468998



985546

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.



987A5C



468998



A67279

Square

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



468998



8B789D



A47468



718662

Rectangle

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



468998



6881A6



A47468



8D7F59

Sweetspot

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



468998



A5BFC4



469854



516063



E3E3E3



636363

Same Dimension

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



468998



45ADC4



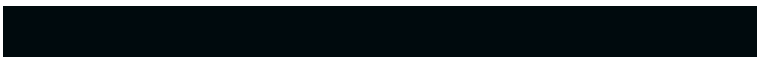
466198



454B4D



00738C



000A0D

Inverse Universe

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



984689



C445AD



987D46



4D454B



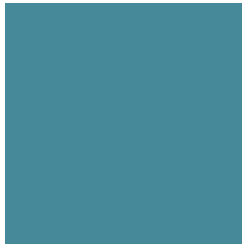
8C0073



0D000A

Previews

White Background



This preview shows how the Hex color 468998 looks on a white background.

Color Contrast Check

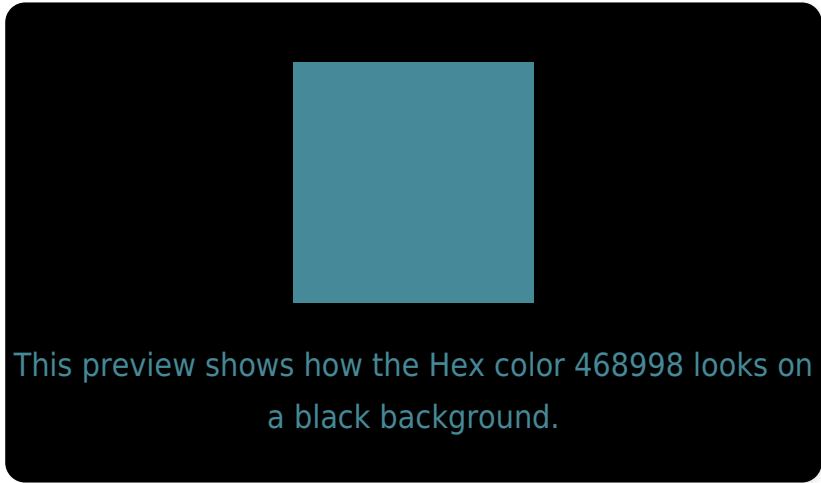
Large Text (above 18pt) WCAG AA ✓ Pass

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

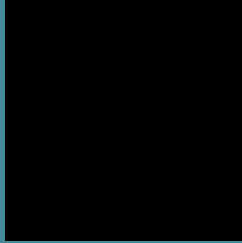
Any Text WCAG AA ✓ Pass

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 468998 Background



This preview shows how black text looks on a background with the Hex color 468998.

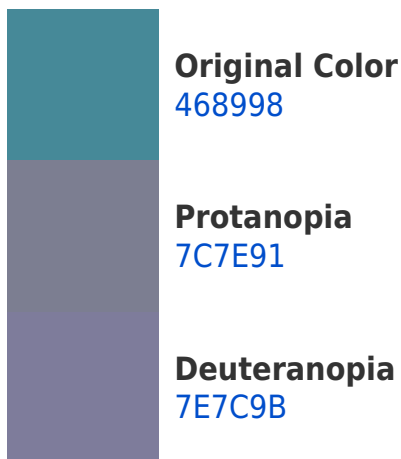



This preview shows how white text looks on a background with the Hex color 468998.

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](#).

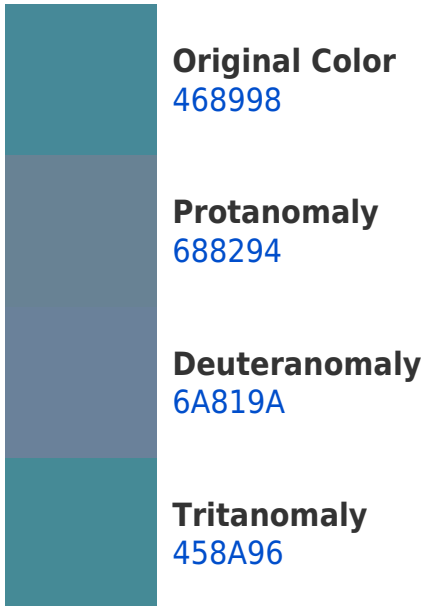
Dichromacy



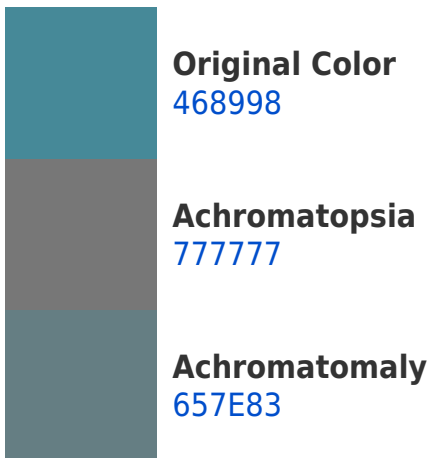


Tritanopia
458A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 468998 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 #468998 looks like.

```
.text, #text, p{  
    color:#468998  
}
```

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 #468998 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468998  
}
```

Border

The CSS property to change the border of an element to Hex 468998 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  
#468998 }
```

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

```
.border{ border-color:#468998 }
```

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

Here you see how a box with a 4 pixel #468998 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468998; -webkit-box-shadow:4px 4px  
4px 4px #468998; box-shadow:4px 4px 4px  
4px #468998 }
```

Background

The CSS property to change the background color of an element to Hex 468998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468998 }
```

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

```
.background{ background-color:#468998 }
```

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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