

Converting Colors

Hex(468582)

Have a look what the booklet for
Hex(468582) contains.

Hex(468582)	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(468582)

Conversions

Conversions Part 1

Format	Color
Hex	468582
RGB	70, 133, 130
RGB Percent	27%, 52%, 51%
CMY	0.7255, 0.4784, 0.4902
CMYK	0.47, 0.00, 0.02, 0.48
HSL	177°, 31%, 40%
HSV	177°, 47%, 52%
XYZ	14.9426, 19.6889, 24.1319
YIQ	113.8210, -36.5850, -14.2890

Conversions

Conversions Part 2

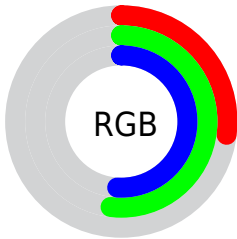
Format	Color
RYB	70, 102, 133
Decimal	4621698
CIELab	51.48, -21.02, -4.68
CIElCh	51, 21.537, 192.559
Yxy	19.6889, 0.2543, 0.3351
Android (android.graphics.Color)	4282811778 (0xFF468582)
YUV	113.8210, 7.9762, -38.4310
Hunter-Lab	44.3721, -17.5403, -1.1845

Details

The Hex color **468582** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **854649**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **7BBAB7**, and **0B5351** is the 20% darker color. If you saturate the color by 10%, you get **398581**, and if you desaturate by 10%, it is **538583**.

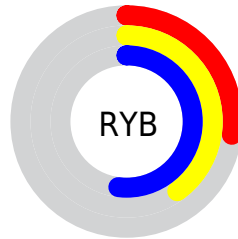
Distribution



Red (27%)

Green (52%)

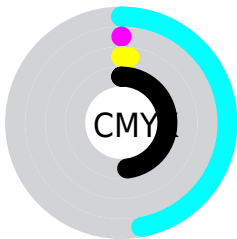
Blue (51%)



Red (27%)

Yellow (40%)

Blue (52%)

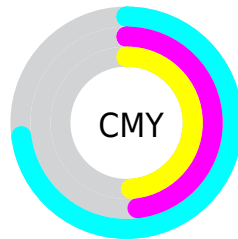


Cyan (47%)

Magenta (0%)

Yellow (2%)

Black (48%)



Cyan (73%)

Magenta (48%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 468582 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 468582 by changing the saturation by 10% instead.

 468582

 468582

FFFFFF

 2B6C69

 7BBAB7

 0B5351

 96D6D2

 003C3A

 B2F3EF

 002624

 CEFFFF

 000B10

 EBFFFF

 000000

 468582

 468582

 398581

 538583

 2B8581

 618583

■ 1E8580

■ 6E8584

■ 11857F

■ 7B8585

■ 04857F

■ 898585

■ 00857F

■ 968586

■ A38586

■ B08587

■ BE8588

Harmonies

Analogous

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



56846F



468582



448393

Triad

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



468582



877396



927658

Complementary

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



468582



854649

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.



9D7063



468582



986E86

Square

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



468582



6F7A9E



A06D73



807C57

Rectangle

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



468582



4D819B



A06D73



96745B

Sweetspot

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



468582



95ADAC



498546



485756



D6D6D6



575757

Same Dimension

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



468582



4BADA9



466985



3C4242



00827C



000302

Inverse Universe

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



854649



AD4B4F



856246



423C3C



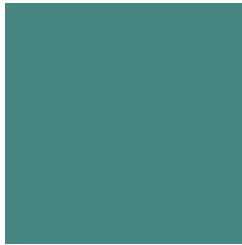
820006



030000

Previews

White Background



This preview shows how the Hex color 468582 looks on a white background.

Color Contrast Check

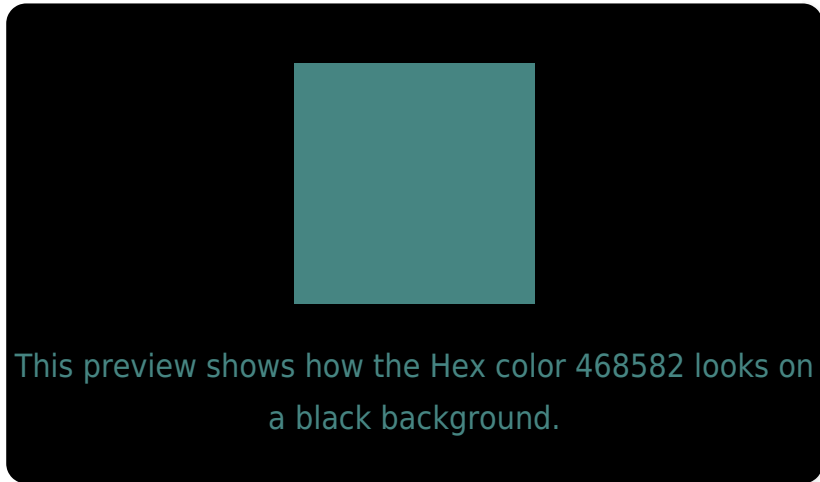
Large Text (above 18pt) WCAG AA ✓ Pass

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

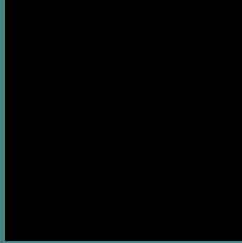
Any Text WCAG AA ✓ Pass

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 468582 Background



This preview shows how black text looks on a background with the Hex color 468582.

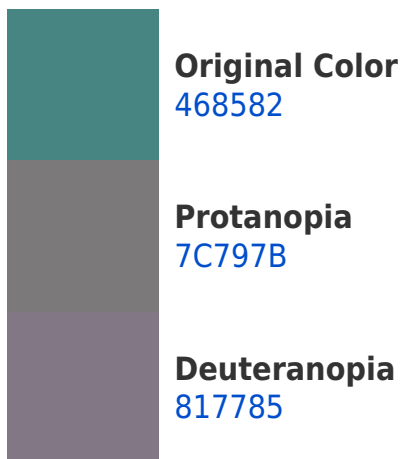



This preview shows how white text looks on a background with the Hex color 468582.

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
4A838E

Trichromacy



Original Color
468582

Protanomaly
687D7E

Deuteranomaly
6C7C84

Tritanomaly
49848A

Monochromacy



Original Color
468582

Achromatopsia
727272

Achromatomaly
627978

CSS Examples

Text

The CSS property to change the color of the text to Hex 468582 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 #468582 looks like.

```
.text, #text, p{  
    color:#468582  
}
```

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 #468582 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468582
}
```

Border

The CSS property to change the border of an element to Hex 468582 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
#468582 }
```

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

```
.border{ border-color:#468582 }
```

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

Here you see how a box with a 4 pixel #468582 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468582; -webkit-box-shadow:4px 4px  
4px 4px #468582; box-shadow:4px 4px 4px  
4px #468582 }
```

Background

The CSS property to change the background color of an element to Hex 468582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468582 }
```

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

```
.background{ background-color:#468582 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor