

Converting Colors

Hex(468672)

Have a look what the booklet for
Hex(468672) contains.

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Color

Hex(468672)

Conversions

Conversions Part 1

Format	Color
Hex	468672
RGB	70, 134, 114
RGB Percent	27%, 53%, 45%
CMY	0.7255, 0.4745, 0.5529
CMYK	0.48, 0.00, 0.15, 0.47
HSL	161°, 31%, 40%
HSV	161°, 48%, 53%
XYZ	14.0881, 19.5672, 18.9539
YIQ	112.5840, -31.7240, -19.7880

Conversions

Conversions Part 2

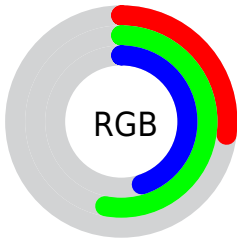
Format	Color
R_{YB}	70, 108, 134
Decimal	4621938
CIE _{Lab}	51.34, -25.67, 4.44
CIE _{LCh}	51, 26.047, 170.187
Yxy	19.5672, 0.2678, 0.3719
Android (android.graphics.Color)	4282812018 (0xFF468672)
YUV	112.5840, 0.6981, -37.3462
Hunter-Lab	44.2348, -20.5613, 5.5596

Details

The Hex color **468672** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **86465A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7ABCA6**, and **0D5442** is the 20% darker color. If you saturate the color by 10%, you get **39866E**, and if you desaturate by 10%, it is **538676**.

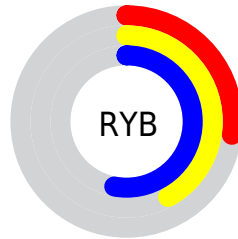
Distribution



Red (27%)

Green (53%)

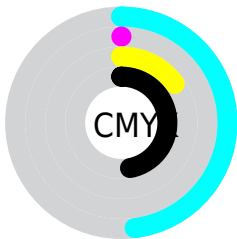
Blue (45%)



Red (27%)

Yellow (42%)

Blue (53%)

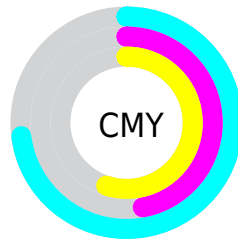


Cyan (48%)

Magenta (0%)

Yellow (15%)

Black (47%)



Cyan (73%)

Magenta (47%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 468672 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 468672 by changing the saturation by 10% instead.

 468672

 468672

FFFFFF

 2C6C5A

 7ABCA6

 0D5442

 95D7C1

 003C2C

 B1F4DD

 002618

 CDFFF9

 000900

 EAFFFF

 000000

 468672

 468672

 39866E

 538676

 2B866A

 61867A

■ 1E8665

■ 6E867F

■ 108661

■ 7C8683

■ 03865D

■ 898687

■ 00865C

■ 96868B

■ A4868F

■ B18694

■ BF8698

Harmonies

Analogous

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



61835D



468672



308689

Triad

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



468672



7377A4



A06F59

Complementary

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



468672



86465A

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.



A76A6C



468672



8F6F97

Square

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



468672



517FA6



A16A83



90764F

Rectangle

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



468672



2E8596



A16A83



A36D5F

Sweetspot

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



468672



95ADA6



5A8646



485752



D6D6D6



575757

Same Dimension

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



468672



4BAD8F



467A86



3C4240



008259



000302

Inverse Universe

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



86465A



AD4B69



865246



423C3E



820029



030001

Previews

White Background



This preview shows how the Hex color 468672 looks on a white background.

Color Contrast Check

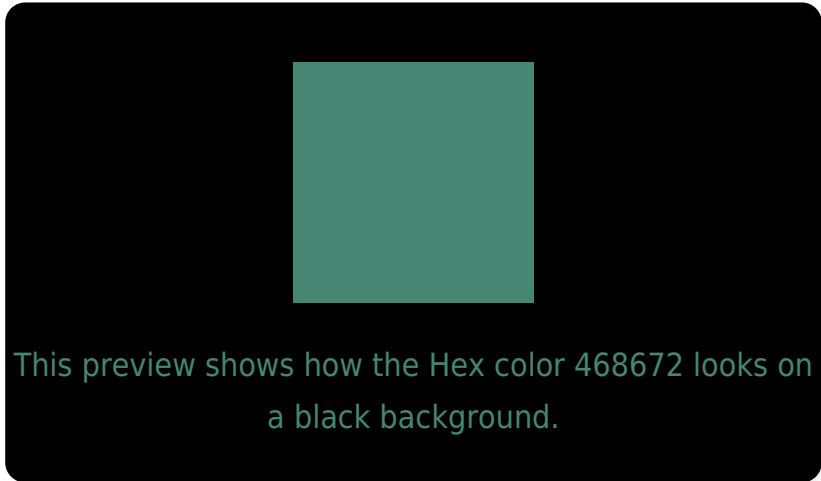
Large Text (above 18pt) WCAG AA ✓ Pass

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

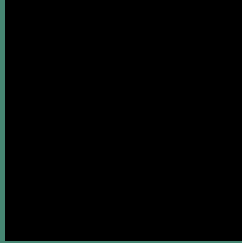
Any Text WCAG AA ✓ Pass

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 468672 Background



This preview shows how black text looks on a background with the Hex color 468672.

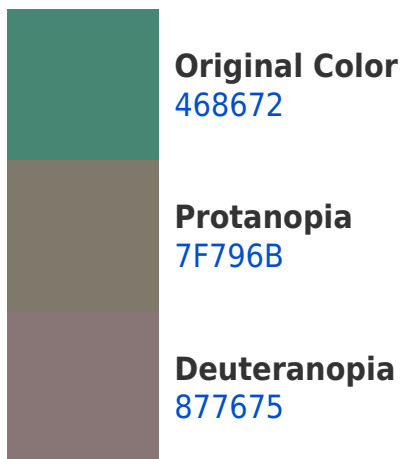



This preview shows how white text looks on a background with the Hex color 468672.

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](#).

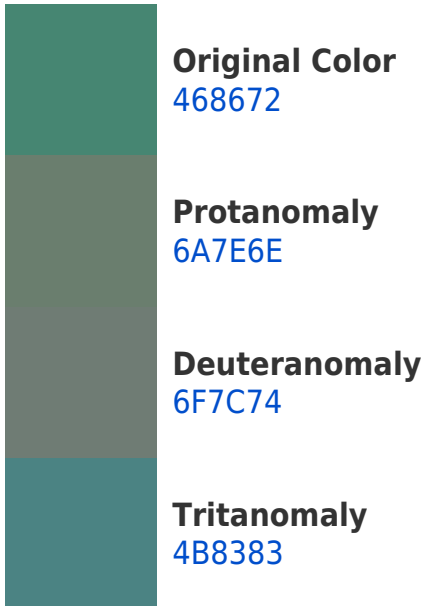
Dichromacy





Tritanopia
4E828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 468672 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 #468672 looks like.

```
.text, #text, p{  
    color:#468672  
}
```

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 #468672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468672
}
```

Border

The CSS property to change the border of an element to Hex 468672 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
#468672 }
```

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

```
.border{ border-color:#468672 }
```

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

Here you see how a box with a 4 pixel #468672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468672; -webkit-box-shadow:4px 4px  
4px 4px #468672; box-shadow:4px 4px 4px  
4px #468672 }
```

Background

The CSS property to change the background color of an element to Hex 468672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468672 }
```

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

```
.background{ background-color:#468672 }
```

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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