

Converting Colors

Hex(468768)

Have a look what the booklet for
Hex(468768) contains.

Hex(468768)	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(468768)

Conversions

Conversions Part 1

Format	Color
Hex	468768
RGB	70, 135, 104
RGB Percent	27%, 53%, 41%
CMY	0.7255, 0.4706, 0.5922
CMYK	0.48, 0.00, 0.23, 0.47
HSL	151°, 32%, 40%
HSV	151°, 48%, 53%
XYZ	13.6885, 19.6295, 16.1641
YIQ	112.0310, -28.7890, -23.4210

Conversions

Conversions Part 2

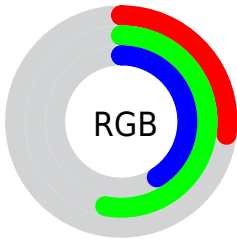
Format	Color
RYB	70, 113, 135
Decimal	4622184
CIELab	51.42, -28.50, 10.33
CIElCh	51, 30.316, 160.069
Yxy	19.6295, 0.2766, 0.3967
Android (android.graphics.Color)	4282812264 (0xFF468768)
YUV	112.0310, -3.9593, -36.8612
Hunter-Lab	44.3052, -22.3851, 9.3825

Details

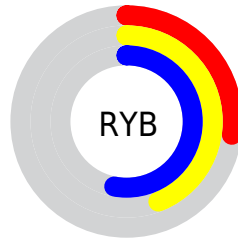
The Hex color **468768** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **874665**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7ABD9B**, and **0E5539** is the 20% darker color. If you saturate the color by 10%, you get **398762**, and if you desaturate by 10%, it is **54876E**.

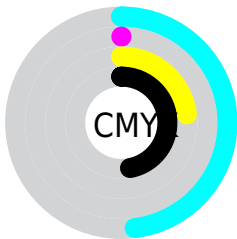
Distribution



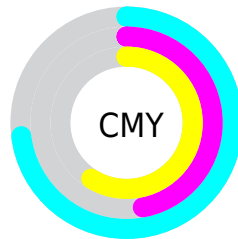
- Red (27%)
- Green (53%)
- Blue (41%)



- Red (27%)
- Yellow (44%)
- Blue (53%)



- Cyan (48%)
- Magenta (0%)
- Yellow (23%)
- Black (47%)



- Cyan (73%)
- Magenta (47%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 468768 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 468768 by changing the saturation by 10% instead.

 468768

 468768

FFFFFF

 2C6D50

 7ABD9B

 0E5539

 95D9B6

 003D23

 B1F5D2

 00270E

 CDFFEF

 000A00

 EAFFFF

 000000

 468768

 468768

 398762

 54876E

 2B875B

 618775

■ 1D8755

■ 6F877B

■ 10874E

■ 7C8782

■ 028748

■ 8A8788

■ 008747

■ 97878F

■ A58795

■ B2879C

■ C087A2

Harmonies

Analogous

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



678352



468768



1E8883

Triad

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



468768



637AAD



A96B5A

Complementary

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



468768



874665

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.



AD6673



468768



8971A2

Square

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



468768



3482AB



A2698D



9A734A

Rectangle

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



468768



008894



A2698D



AC6862

Sweetspot

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



468768



97B0A4



658746



4A5952



D9D9D9



595959

Same Dimension

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



468768



4AB07F



468687



3C423F



008244



000301

Inverse Universe

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



874665



B04A7B



874746



423C3F



82003E



030001

Previews

White Background



This preview shows how the Hex color 468768 looks on a white background.

Color Contrast Check

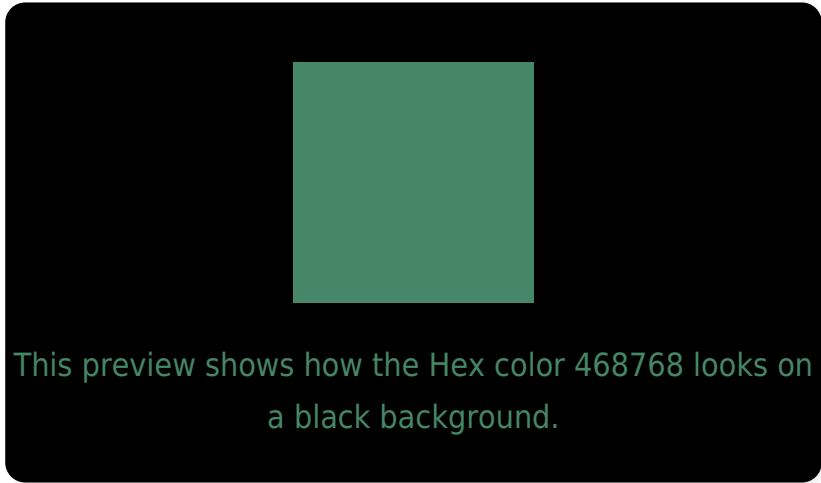
Large Text (above 18pt) WCAG AA ✓ Pass

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

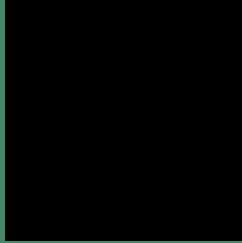
Any Text WCAG AA ✓ Pass

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 468768 Background



This preview shows how black text looks on a background with the Hex color 468768.

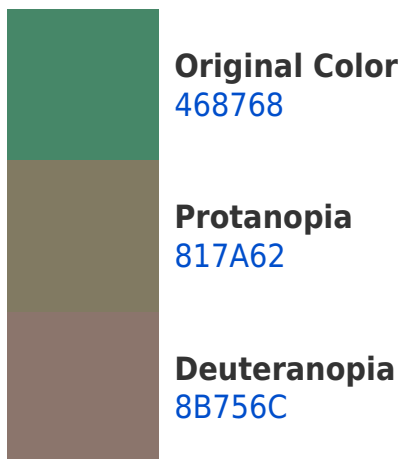



This preview shows how white text looks on a background with the Hex color 468768.

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
50828D

Trichromacy



Original Color
468768

Protanomaly
6C7F64

Deuteranomaly
727C6B

Tritanomaly
4C8480

Monochromacy



Original Color
468768

Achromatopsia
707070

Achromatomaly
61786D

CSS Examples

Text

The CSS property to change the color of the text to Hex 468768 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 #468768 looks like.

```
.text, #text, p{  
    color:#468768  
}
```

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 #468768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468768
}
```

Border

The CSS property to change the border of an element to Hex 468768 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
#468768 }
```

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

```
.border{ border-color:#468768 }
```

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

Here you see how a box with a 4 pixel #468768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468768; -webkit-box-shadow:4px 4px  
4px 4px #468768; box-shadow:4px 4px 4px  
4px #468768 }
```

Background

The CSS property to change the background color of an element to Hex 468768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468768 }
```

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

```
.background{ background-color:#468768 }
```

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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