

Converting Colors

Hex(468854)

Have a look what the booklet for
Hex(468854) contains.

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Color

Hex(468854)

Conversions

Conversions Part 1

Format	Color
Hex	468854
RGB	70, 136, 84
RGB Percent	27%, 53%, 33%
CMY	0.7255, 0.4667, 0.6706
CMYK	0.49, 0.00, 0.38, 0.47
HSL	133°, 32%, 40%
HSV	133°, 49%, 53%
XYZ	12.9302, 19.5505, 11.4796
YIQ	110.3380, -22.6440, -30.1640

Conversions

Conversions Part 2

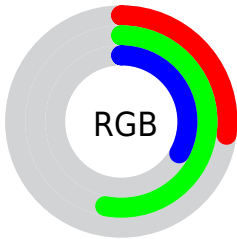
Format	Color
RYB	70, 124, 136
Decimal	4622420
CIELab	51.33, -33.04, 21.60
CIELCh	51, 39.472, 146.832
Yxy	19.5505, 0.2941, 0.4447
Android (android.graphics.Color)	4282812500 (0xFF468854)
YUV	110.3380, -12.9846, -35.3764
Hunter-Lab	44.2160, -25.1787, 15.5579

Details

The Hex color **468854** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **88467A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **7ABE86**, and **0D5526** is the 20% darker color. If you saturate the color by 10%, you get **388849**, and if you desaturate by 10%, it is **54885F**.

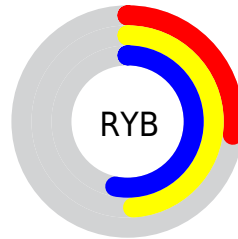
Distribution



Red (27%)

Green (53%)

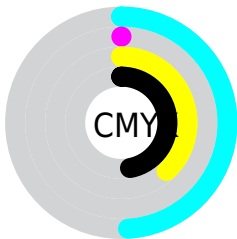
Blue (33%)



Red (27%)

Yellow (49%)

Blue (53%)

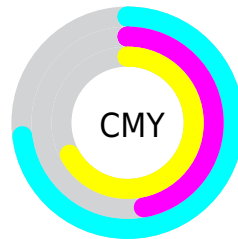


Cyan (49%)

Magenta (0%)

Yellow (38%)

Black (47%)



Cyan (73%)

Magenta (47%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 468854 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 468854 by changing the saturation by 10% instead.



468854



468854

FFFFFF



2C6E3C



7ABE86



0D5526



95DAA0



003E10



B1F7BC



002800



CDFFD7



000900



EAFFF4



000000



468854



468854



388849



54885F



2B883F



618869

■ 1D8834

■ 6F8874

■ 108829

■ 7C887F

■ 02881E

■ 8A888A

■ 00881D

■ 988894

■ A5889F

■ B388AA

■ C088B4

Harmonies

Analogous

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



70813C



468854



008B75

Triad

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



468854



337FBD



B9605E

Complementary

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



468854



88467A

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.



B65E7F



468854



7773B7

Square

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



468854



0087B2



A166A0



AB6B43

Rectangle

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



468854



008B8D



A166A0



BA5F69

Sweetspot

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



468854



96B09B



7B8846



49594D



D9D9D9



595959

Same Dimension

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



468854



4AB060



468874



3E453F



00851C



000501

Inverse Universe

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



88467A



B04A9A



88465A



453E43



850068



050004

Previews

White Background



This preview shows how the Hex color 468854 looks on a white background.

Color Contrast Check

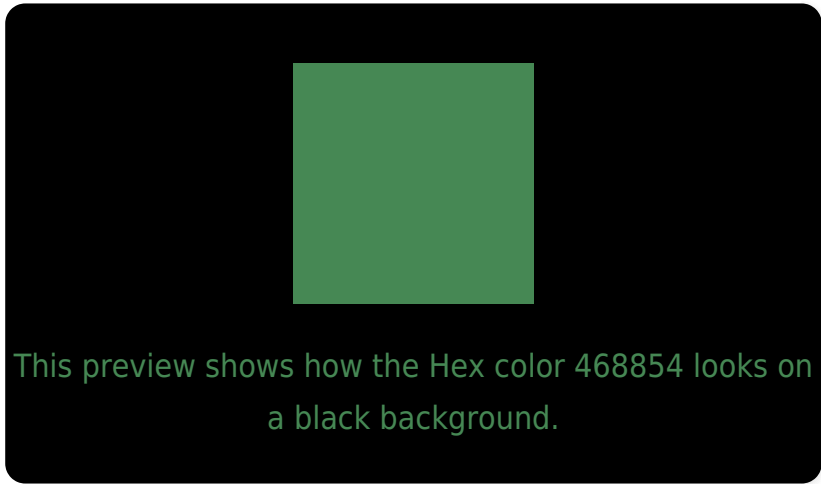
Large Text (above 18pt) WCAG AA ✓ Pass

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

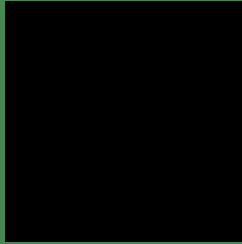
Any Text WCAG AA ✓ Pass

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 468854 Background



This preview shows how black text looks on a background with the Hex color 468854.




This preview shows how white text looks on a background with the Hex color 468854.

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
53818C

Trichromacy



Original Color
468854

Protanomaly
6D7F50

Deuteranomaly
757C57

Tritanomaly
4E8478

Monochromacy



Original Color
468854

Achromatopsia
6E6E6E

Achromatomaly
5F7765

CSS Examples

Text

The CSS property to change the color of the text to Hex 468854 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 #468854 looks like.

```
.text, #text, p{  
    color:#468854  
}
```

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 #468854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468854
}
```

Border

The CSS property to change the border of an element to Hex 468854 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
#468854 }
```

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

```
.border{ border-color:#468854 }
```

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

Here you see how a box with a 4 pixel #468854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468854; -webkit-box-shadow:4px 4px  
4px 4px #468854; box-shadow:4px 4px 4px  
4px #468854 }
```

Background

The CSS property to change the background color of an element to Hex 468854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468854 }
```

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

```
.background{ background-color:#468854 }
```

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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