

Converting Colors

Hex(468A51)

Have a look what the booklet for
Hex(468A51) contains.

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Color

Hex(468A51)

Conversions

Conversions Part 1

Format	Color
Hex	468A51
RGB	70, 138, 81
RGB Percent	27%, 54%, 32%
CMY	0.7255, 0.4588, 0.6824
CMYK	0.49, 0.00, 0.41, 0.46
HSL	130°, 33%, 41%
HSV	130°, 49%, 54%
XYZ	13.0995, 20.0731, 10.9687
YIQ	111.1700, -22.2310, -32.1430

Conversions

Conversions Part 2

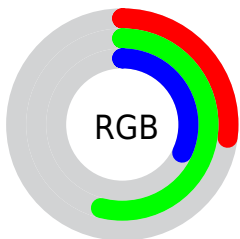
Format	Color
RYB	70, 129, 138
Decimal	4622929
CIELab	51.92, -34.49, 24.04
CIElCh	52, 42.041, 145.117
Yxy	20.0731, 0.2968, 0.4547
Android (android.graphics.Color)	4282813009 (0xFF468A51)
YUV	111.1700, -14.8738, -36.1061
Hunter-Lab	44.8030, -26.2157, 16.8468

Details

The Hex color **468A51** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8A467F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7BC083**, and **0C5723** is the 20% darker color. If you saturate the color by 10%, you get **388A45**, and if you desaturate by 10%, it is **548A5D**.

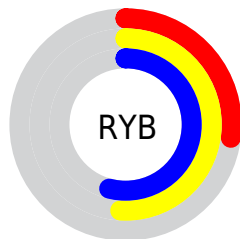
Distribution



Red (27%)

Green (54%)

Blue (32%)



Red (27%)

Yellow (51%)

Blue (54%)

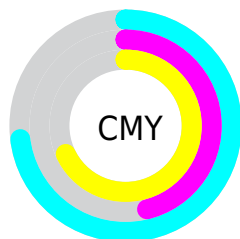


Cyan (49%)

Magenta (0%)

Yellow (41%)

Black (46%)



Cyan (73%)

Magenta (46%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 468A51 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 468A51 by changing the saturation by 10% instead.



468A51



468A51

FFFFFF



2B7039



7BC083



0C5723



96DC9D



003F0D



B1F9B8



002900



CEFFD4



000D00



EAFFF1



000000



468A51



468A51



388A45



548A5D



2A8A3A



628A68

 1D8A2E

 6F8A74

 0F8A23

 7D8A7F

 018A17

 8B8A8B

 008A16

 998A96

 A78AA2

 B48AAE

 C28AB9

Harmonies

Analogous

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



738338



468A51



008E74

Triad

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



468A51



2081C3



BE5F5F

Complementary

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



468A51



8A467F

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.



BB5D83



468A51



7575BD

Square

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



468A51



008AB6



A366A5



B06A41

Rectangle

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



468A51



008E8D



A366A5



BF5D6B

Sweetspot

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



468A51



98B39C



808A46



49594C



D9D9D9



595959

Same Dimension

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



468A51



49B35A



468A72



3E453F



008515



000501

Inverse Universe

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



8A467F



B349A1



8A465E



453E44



85006F



050004

Previews

White Background



This preview shows how the Hex color 468A51 looks on a white background.

Color Contrast Check

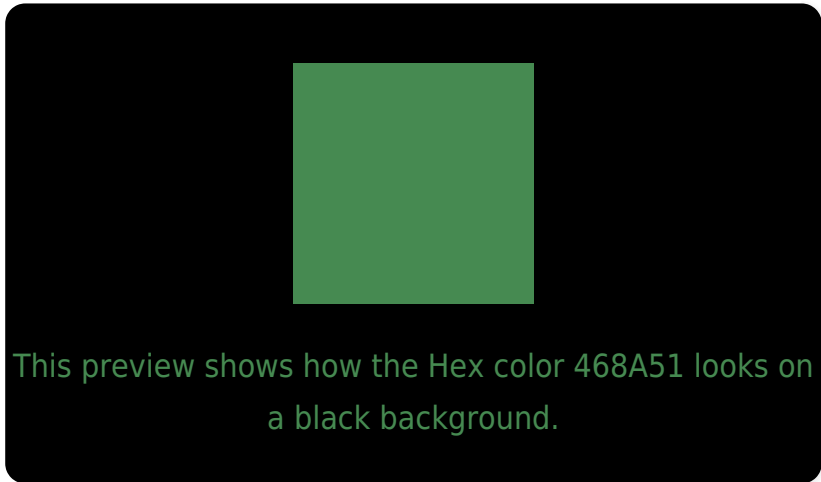
Large Text (above 18pt) WCAG AA ✓ Pass

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 468A51 Background



This preview shows how black text looks on a background with the Hex color 468A51.




This preview shows how white text looks on a background with the Hex color 468A51.

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](#).

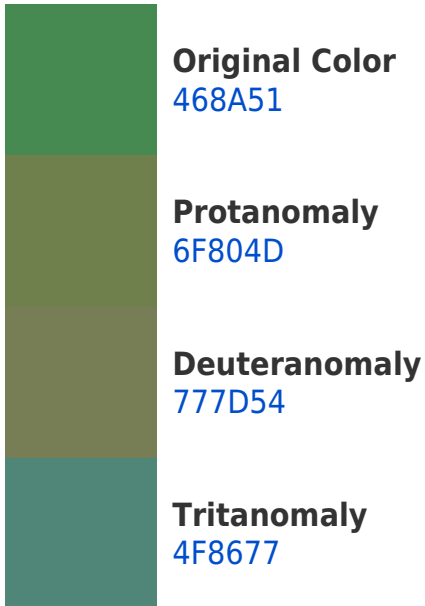
Dichromacy



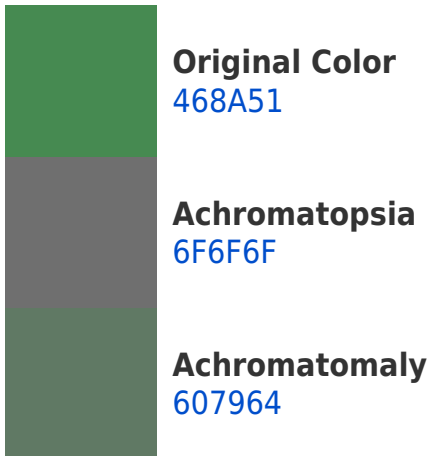


Tritanopia
54838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 468A51 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 #468A51 looks like.

```
.text, #text, p{  
    color:#468A51  
}
```

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 #468A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468A51  
}
```

Border

The CSS property to change the border of an element to Hex 468A51 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  
#468A51 }
```

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

```
.border{ border-color:#468A51 }
```

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

Here you see how a box with a 4 pixel #468A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468A51; -webkit-box-shadow:4px 4px  
4px 4px #468A51; box-shadow:4px 4px 4px  
4px #468A51 }
```

Background

The CSS property to change the background color of an element to Hex 468A51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468A51 }
```

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

```
.background{ background-color:#468A51 }
```

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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