

Converting Colors

Hex(468B61)

Have a look what the booklet for
Hex(468B61) contains.

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Color

Hex(468B61)

Conversions

Conversions Part 1

Format	Color
Hex	468B61
RGB	70, 139, 97
RGB Percent	27%, 55%, 38%
CMY	0.7255, 0.4549, 0.6196
CMYK	0.50, 0.00, 0.30, 0.45
HSL	143°, 33%, 41%
HSV	143°, 50%, 55%
XYZ	13.9161, 20.6304, 14.5579
YIQ	113.5810, -27.6420, -27.6900

Conversions

Conversions Part 2

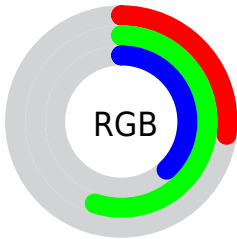
Format	Color
RYB	70, 120, 139
Decimal	4623201
CIELab	52.54, -31.91, 15.91
CIELCh	53, 35.658, 153.504
Yxy	20.6304, 0.2834, 0.4201
Android (android.graphics.Color)	4282813281 (0xFF468B61)
YUV	113.5810, -8.1744, -38.2205
Hunter-Lab	45.4207, -24.7971, 12.7913

Details

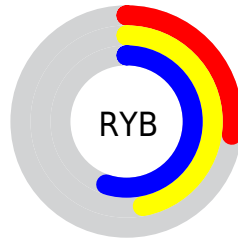
The Hex color **468B61** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B4670**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **7BC194**, and **0C5832** is the 20% darker color. If you saturate the color by 10%, you get **388B59**, and if you desaturate by 10%, it is **548B69**.

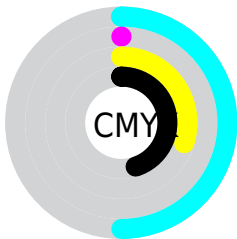
Distribution



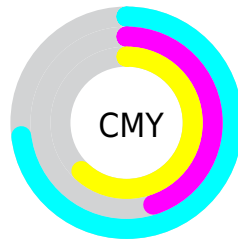
- Red (27%)
- Green (55%)
- Blue (38%)



- Red (27%)
- Yellow (47%)
- Blue (55%)



- Cyan (50%)
- Magenta (0%)
- Yellow (30%)
- Black (45%)



- Cyan (73%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 468B61 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 468B61 by changing the saturation by 10% instead.

 468B61

 468B61

FFFFFF

 2B7149

 7BC194

 0C5832

 96DDAE

 00401D

 B1FACA

 002A05

 CEFFE6

 001000

 EAFFFF

 000000

 468B61

 468B61

 388B59

 548B69

 2A8B50

 628B72

■ 1C8B48

■ 708B7A

■ 0E8B3F

■ 7E8B83

■ 018B37

■ 8B8B8B

■ 008B36

■ 998B94

■ A78B9C

■ B58BA5

■ C38BAD

Harmonies

Analogous

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



6D8549



468B61



008D80

Triad

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



468B61



537FBA



B6685D

Complementary

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



468B61



8B4670

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.



B7647B



468B61



8574B0

Square

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



468B61



0088B3



A66999



A67247

Rectangle

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



468B61



008D95



A66999



B86667

Sweetspot

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



468B61



9AB5A5



718B46



4B5C52



DBDBDB



5C5C5C

Same Dimension

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



468B61



48B573



468B83



3E4541



008534



000502

Inverse Universe

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



8B4670



B5488B



8B464E



453E42



850051



050003

Previews

White Background



This preview shows how the Hex color 468B61 looks on a white background.

Color Contrast Check

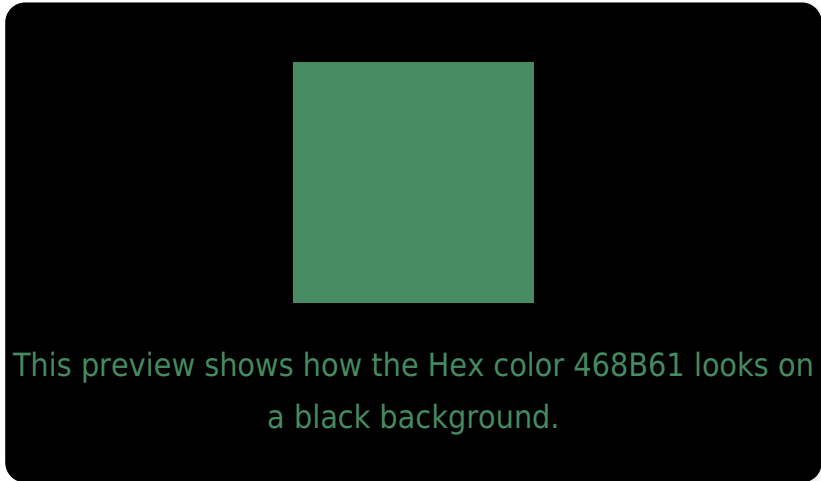
Large Text (above 18pt) WCAG AA ✓ Pass

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

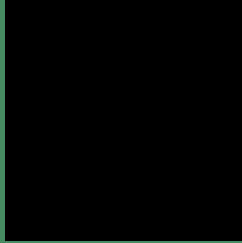
Any Text WCAG AA ✓ Pass

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 468B61 Background



This preview shows how black text looks on a background with the Hex color 468B61.

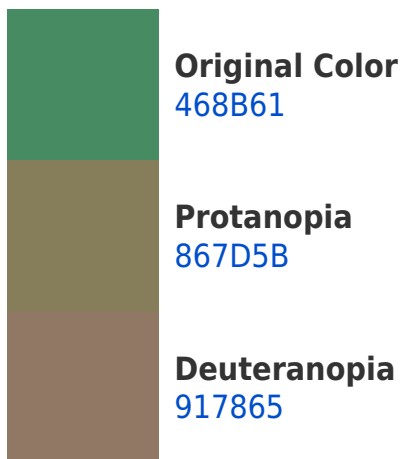


This preview shows how white text looks on a background with the Hex color 468B61.

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
528590

Trichromacy



Original Color
468B61

Protanomaly
6F825D

Deuteranomaly
767F64

Tritanomaly
4E877F

Monochromacy



Original Color
468B61

Achromatopsia
727272

Achromatomaly
627B6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 468B61 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 #468B61 looks like.

```
.text, #text, p{  
    color:#468B61  
}
```

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 #468B61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468B61  
}
```

Border

The CSS property to change the border of an element to Hex 468B61 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  
#468B61 }
```

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

```
.border{ border-color:#468B61 }
```

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

Here you see how a box with a 4 pixel #468B61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468B61; -webkit-box-shadow:4px 4px  
4px 4px #468B61; box-shadow:4px 4px 4px  
4px #468B61 }
```

Background

The CSS property to change the background color of an element to Hex 468B61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468B61 }
```

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

```
.background{ background-color:#468B61 }
```

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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