

Converting Colors

Hex(468B81)

Have a look what the booklet for
Hex(468B81) contains.

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Color

Hex(468B81)

Conversions

Conversions Part 1

Format	Color
Hex	468B81
RGB	70, 139, 129
RGB Percent	27%, 55%, 51%
CMY	0.7255, 0.4549, 0.4941
CMYK	0.50, 0.00, 0.07, 0.45
HSL	171°, 33%, 41%
HSV	171°, 50%, 55%
XYZ	15.7209, 21.3523, 24.0617
YIQ	117.2290, -37.9140, -17.7380

Conversions

Conversions Part 2

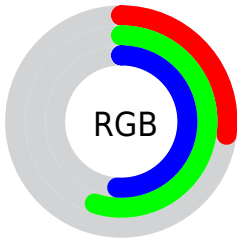
Format	Color
RYB	70, 107, 139
Decimal	4623233
CIELab	53.33, -24.39, -1.38
CIELCh	53, 24.425, 183.232
Yxy	21.3523, 0.2572, 0.3493
Android (android.graphics.Color)	4282813313 (0xFF468B81)
YUV	117.2290, 5.8031, -41.4198
Hunter-Lab	46.2086, -20.1366, 1.4725

Details

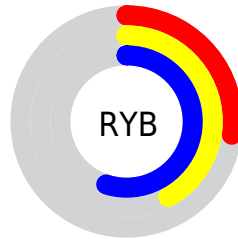
The Hex color **468B81** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8B4650**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **7BC1B6**, and **085950** is the 20% darker color. If you saturate the color by 10%, you get **388B7F**, and if you desaturate by 10%, it is **548B83**.

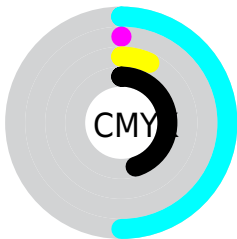
Distribution



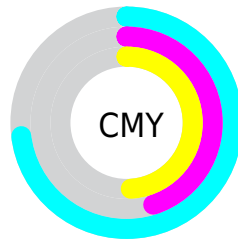
- Red (27%)
- Green (55%)
- Blue (51%)



- Red (27%)
- Yellow (42%)
- Blue (55%)



- Cyan (50%)
- Magenta (0%)
- Yellow (7%)
- Black (45%)



- Cyan (73%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 468B81 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 468B81 by changing the saturation by 10% instead.

 468B81

 468B81

FFFFFF

 2B7168

 7BC1B6

 085950

 97DDD1

 004139

 B2FAEE

 002A24

 CFFFFFF

 00140E

 ECFFFF

 000000

 468B81

 468B81

 388B7F

 548B83

 2A8B7D

 628B85

■ 1C8B7B

■ 708B87

■ 0E8B79

■ 7E8B89

■ 018B77

■ 8B8B8B

■ 008B77

■ 998B8D

■ A78B8F

■ B58B91

■ C38B93

Harmonies

Analogous

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



5D896C



468B81



3B8A96

Triad

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



468B81



8579A3



9E785A

Complementary

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



468B81



8B4650

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.



A87269



468B81



9C7393

Square

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



468B81



6781A9



A8707E



8C7F55

Rectangle

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



468B81



4288A0



A8707E



A2755F

Sweetspot

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



468B81



9AB5B1



508B46



4B5C59



DBDBDB



5C5C5C

Same Dimension

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



468B81



48B5A5



46738B



3E4544



008571



000504

Inverse Universe

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



8B4650



B54858



8B5E46



453E3F



850013



050001

Previews

White Background



This preview shows how the Hex color 468B81 looks on a white background.

Color Contrast Check

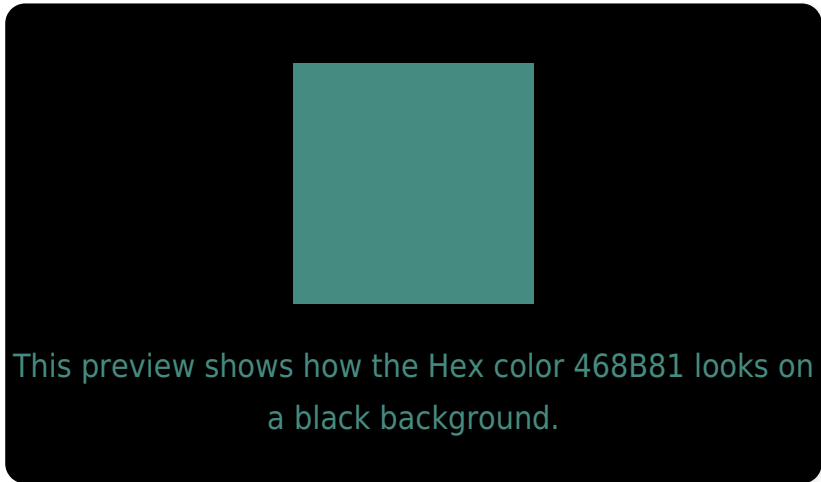
Large Text (above 18pt) WCAG AA ✓ Pass

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

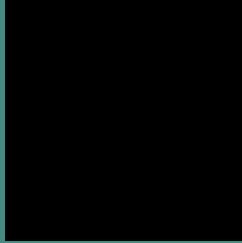
Any Text WCAG AA ✓ Pass

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 468B81 Background



This preview shows how black text looks on a background with the Hex color 468B81.

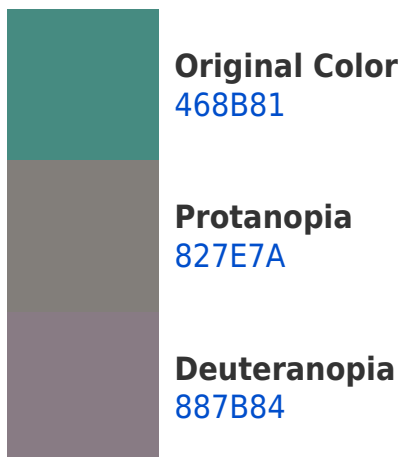


This preview shows how white text looks on a background with the Hex color 468B81.

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



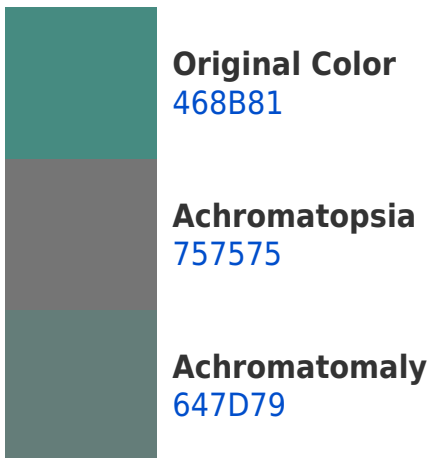


Tritanopia
4C8893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 468B81 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 #468B81 looks like.

```
.text, #text, p{  
    color:#468B81  
}
```

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 #468B81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468B81
}
```

Border

The CSS property to change the border of an element to Hex 468B81 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
#468B81 }
```

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

```
.border{ border-color:#468B81 }
```

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

Here you see how a box with a 4 pixel #468B81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468B81; -webkit-box-shadow:4px 4px  
4px 4px #468B81; box-shadow:4px 4px 4px  
4px #468B81 }
```

Background

The CSS property to change the background color of an element to Hex 468B81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468B81 }
```

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

```
.background{ background-color:#468B81 }
```

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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