

Converting Colors

Hex(488081)

Have a look what the booklet for
Hex(488081) contains.

Hex(488081)	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(488081)

Conversions

Conversions Part 1

Format	Color
Hex	488081
RGB	72, 128, 129
RGB Percent	28%, 50%, 51%
CMY	0.7176, 0.4980, 0.4941
CMYK	0.44, 0.01, 0.00, 0.49
HSL	181°, 28%, 39%
HSV	181°, 44%, 51%
XYZ	14.3541, 18.4010, 23.5641
YIQ	111.3700, -33.6970, -11.5610

Conversions

Conversions Part 2

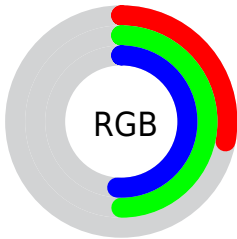
Format	Color
R_{YB}	72, 100, 129
Decimal	4751489
CIE _{Lab}	49.98, -18.13, -6.32
CIE _{LCh}	50, 19.196, 199.223
Yxy	18.4010, 0.2549, 0.3267
Android (android.graphics.Color)	4282941569 (0xFF488081)
YUV	111.3700, 8.6916, -34.5275
Hunter-Lab	42.8964, -15.3387, -2.5420

Details

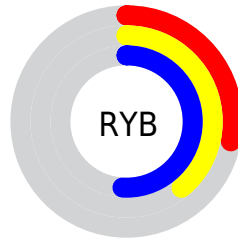
The Hex color **488081** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **814948**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7CB5B6**, and **114F50** is the 20% darker color. If you saturate the color by 10%, you get **3B8081**, and if you desaturate by 10%, it is **558081**.

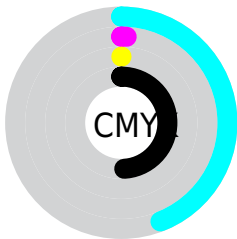
Distribution



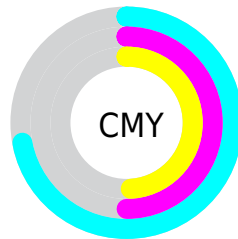
- Red (28%)
- Green (50%)
- Blue (51%)



- Red (28%)
- Yellow (39%)
- Blue (51%)



- Cyan (44%)
- Magenta (1%)
- Yellow (0%)
- Black (49%)



- Cyan (72%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 488081 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 488081 by changing the saturation by 10% instead.

■ 488081

■ 488081

FFFFFF

■ 2E6768

■ 7CB5B6

■ 114F50

■ 97D1D1

■ 003739

■ B3EDEE

■ 002224

■ CFFFFFF

■ 00010F

■ EFFFFFF

■ 000000

■ 488081

■ 488081

■ 3B8081

■ 558081

■ 2E8081

■ 628081

■ 217F81

■ 6F8181

■ 147F81

■ 7C8181

■ 077F81

■ 898181

■ 007F81

■ 958181

■ A28281

■ AF8281

■ BC8281

Harmonies

Analogous

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



548070



488081



4A7E8F

Triad

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



488081



866F8C



887457

Complementary

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



488081



814948

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.



946F5F



488081



946C7D

Square

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



488081



727596



986B6D



787958

Rectangle

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



488081



547C95



986B6D



8D7259

Sweetspot

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



488081



92A8A8



488149



475454



D4D4D4



545454

Same Dimension

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



488081



4FA7A8



486481



394040



007D80



000000

Inverse Universe

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



814880



A84FA7



816548



403940



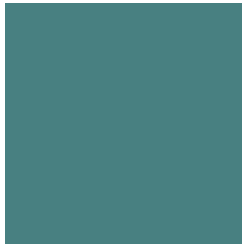
80007D



000000

Previews

White Background



This preview shows how the Hex color 488081 looks on a white background.

Color Contrast Check

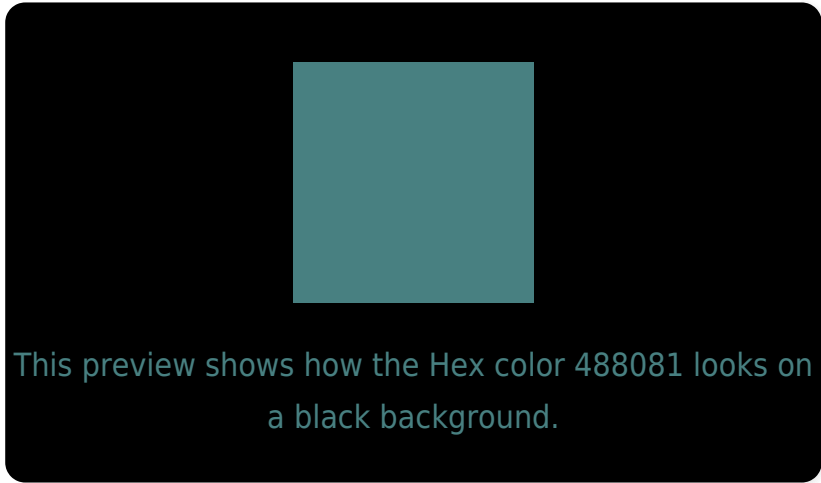
Large Text (above 18pt) WCAG AA ✓ Pass

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

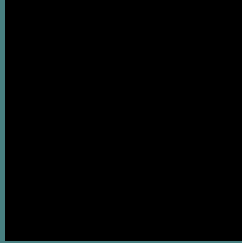
Any Text WCAG AA ✓ Pass

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 488081 Background



This preview shows how black text looks on a background with the Hex color 488081.

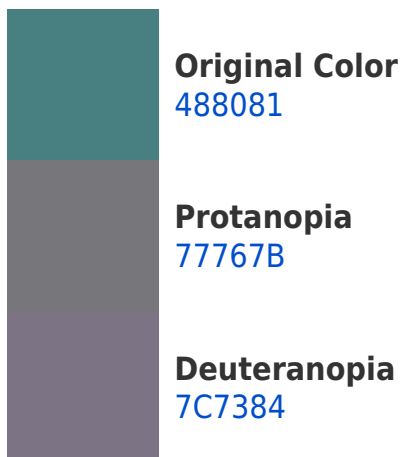


This preview shows how white text looks on a background with the Hex color 488081.

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](#).

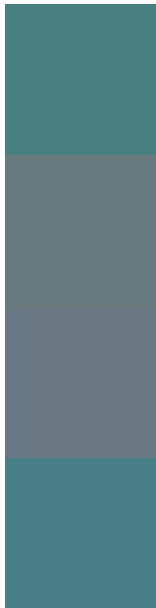
Dichromacy





Tritanopia
4A7F89

Trichromacy



Original Color
488081

Protanomaly
667A7D

Deuteranomaly
697883

Tritanomaly
497F86

Monochromacy



Original Color
488081

Achromatopsia
6F6F6F

Achromatomaly
617576

CSS Examples

Text

The CSS property to change the color of the text to Hex 488081 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 #488081 looks like.

```
.text, #text, p{  
    color:#488081  
}
```

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 #488081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488081
}
```

Border

The CSS property to change the border of an element to Hex 488081 is called "border". The border property can be set on classes, ids or directly on the HTML element.

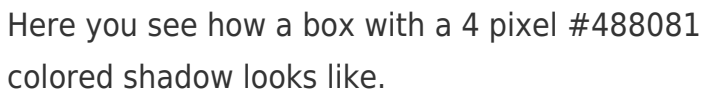
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#488081 }
```

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

```
.border{ border-color:#488081 }
```

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



Here you see how a box with a 4 pixel #488081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488081; -webkit-box-shadow:4px 4px  
4px 4px #488081; box-shadow:4px 4px 4px  
4px #488081 }
```

Background

The CSS property to change the background color of an element to Hex 488081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488081 }
```

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

```
.background{ background-color:#488081 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor