

# Converting Colors

Hex(478186)

Have a look what the booklet for  
Hex(478186) contains.

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# Color

Hex(478186)

# Conversions

## Conversions Part 1

Format	Color
Hex	478186
RGB	71, 129, 134
RGB Percent	28%, 51%, 53%
CMY	0.7216, 0.4941, 0.4745
CMYK	0.47, 0.04, 0.00, 0.47
HSL	185°, 31%, 40%
HSV	185°, 47%, 53%
XYZ	14.7519, 18.7613, 25.3981
YIQ	112.2280, -36.1730, -10.7410

# Conversions

## Conversions Part 2

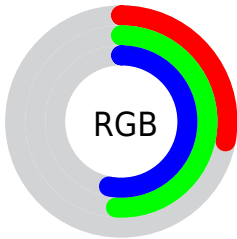
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 101, 134
Decimal	4686214
CIE <sub>Lab</sub>	50.41, -17.53, -8.62
CIE <sub>LCh</sub>	50, 19.538, 206.181
Yxy	18.7613, 0.2504, 0.3185
Android (android.graphics.Color)	4282876294 (0xFF478186)
YUV	112.2280, 10.7336, -36.1570
Hunter-Lab	43.3144, -15.0072, -4.4456

# Details

The Hex color **478186** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **864C47**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7CB6BB**, and **0D5054** is the 20% darker color. If you saturate the color by 10%, you get **3A8086**, and if you desaturate by 10%, it is **548286**.

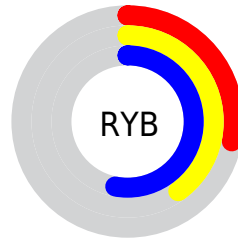
# Distribution



Red (28%)

Green (51%)

Blue (53%)



Red (28%)

Yellow (40%)

Blue (53%)

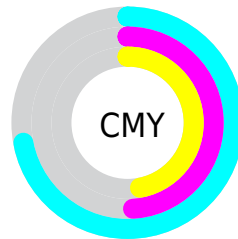


Cyan (47%)

Magenta (4%)

Yellow (0%)

Black (47%)



Cyan (72%)

Magenta (49%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 478186 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 478186 by changing the saturation by 10% instead.



 478186

 478186

FFFFFF

 2C686D

 7CB6BB

 0D5054

 97D2D7

 00383D

 B2EEF3

 002328

 CFFFFFF

 000414

 EFFFFFF

 000000

 478186

 478186

 3A8086

 548286

 2C7F86

 628386

■ 1F7E86

■ 6F8486

■ 117D86

■ 7D8586

■ 047C86

■ 8A8686

■ 007B86

■ 978786

■ A58886

■ B28A86

■ C08B86

# Harmonies

## Analogous

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



508175



478186



4D7F93

# Triad

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



478186



8B6F8B



867657

# Complementary

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



478186



864C47

# 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.



93715D



478186



976C7B

# Square

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



478186



787496



9A6D6A



757B5A

# Rectangle

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



478186



597C98



9A6D6A



8B7458



# Sweetspot

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



478186



95ABAD



47864B



485657



D6D6D6



575757



# Same Dimension

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



478186



4CA6AD



476286



3C4242



007882



000203



# Inverse Universe

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



864781



AD4CA6



866B47



423C42



820078

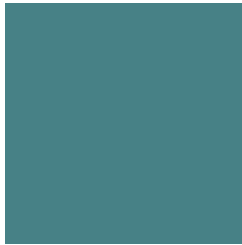


030002



# Previews

## White Background



This preview shows how the Hex color 478186 looks on a white background.

## Color Contrast Check

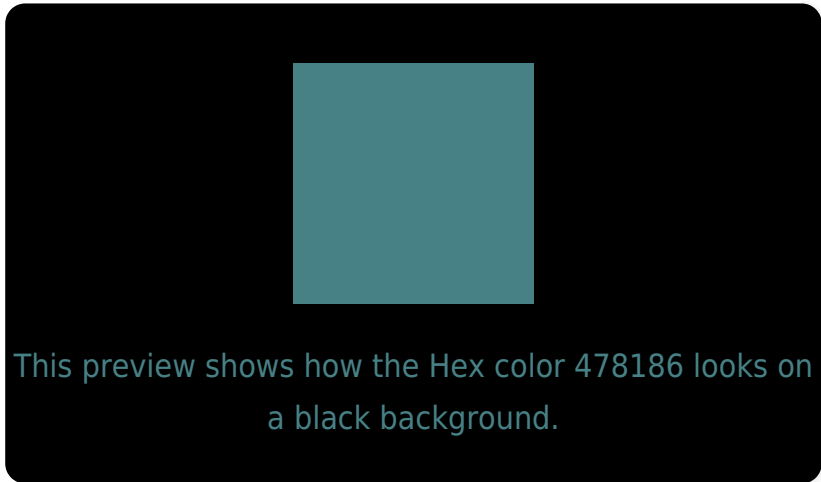
Large Text (above 18pt) WCAG AA ✓ Pass

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

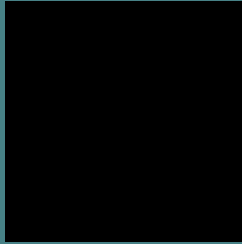
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 478186 Background



This preview shows how black text looks on a background with the Hex color 478186.

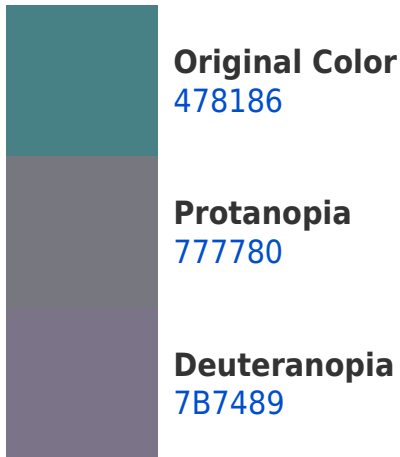


This preview shows how white text looks on a background with the Hex color 478186.

# 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**  
48808B

# Trichromacy



**Original Color**  
478186

**Protanomaly**  
667B82

**Deuteranomaly**  
687988

**Tritanomaly**  
488089

# Monochromacy



**Original Color**  
478186

**Achromatopsia**  
707070

**Achromatomaly**  
617678

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 478186 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 #478186 looks like.

```
.text, #text, p{  
    color:#478186  
}
```

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 #478186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #478186
}
```

## Border

The CSS property to change the border of an element to Hex 478186 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
#478186 }
```

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

```
.border{ border-color:#478186 }
```

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

Here you see how a box with a 4 pixel #478186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #478186; -webkit-box-shadow:4px 4px  
4px 4px #478186; box-shadow:4px 4px 4px  
4px #478186 }
```

# Background

The CSS property to change the background color of an element to Hex 478186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#478186 }
```

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

```
.background{ background-color:#478186 }
```

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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