

Converting Colors

Hex(478D86)

Have a look what the booklet for
Hex(478D86) contains.

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Color

Hex(478D86)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 478D86 |
| RGB | 71, 141, 134 |
| RGB Percent | 28%, 55%, 53% |
| CMY | 0.7216, 0.4471, 0.4745 |
| CMYK | 0.50, 0.00, 0.05, 0.45 |
| HSL | 174°, 33%, 42% |
| HSV | 174°, 50%, 55% |
| XYZ | 16.4265, 22.1106, 25.9563 |
| YIQ | 119.2720, -39.4730, -17.0170 |

Conversions

Conversions Part 2

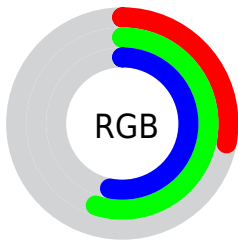
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 71, 108, 141 |
| Decimal | 4689286 |
| CIE _{Lab} | 54.14, -23.84, -3.07 |
| CIE _{LCh} | 54, 24.034, 187.344 |
| Yxy | 22.1106, 0.2547, 0.3428 |
| Android (android.graphics.Color) | 4282879366 (0xFF478D86) |
| YUV | 119.2720, 7.2609, -42.3345 |
| Hunter-Lab | 47.0219, -19.9316, 0.1870 |

Details

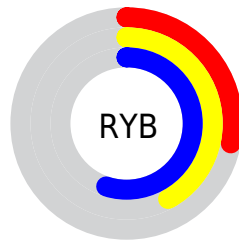
The Hex color **478D86** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8D474E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **7DC3BB**, and **085A55** is the 20% darker color. If you saturate the color by 10%, you get **398D85**, and if you desaturate by 10%, it is **558D87**.

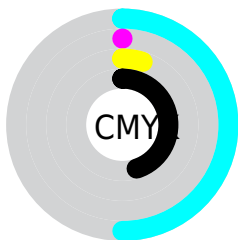
Distribution



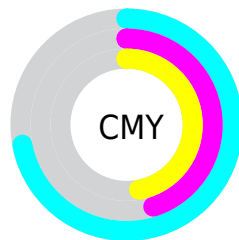
- Red (28%)
- Green (55%)
- Blue (53%)



- Red (28%)
- Yellow (42%)
- Blue (55%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (45%)



- Cyan (72%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 478D86 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 478D86 by changing the saturation by 10% instead.

 478D86

 478D86

FFFFFF

 2B736D

 7DC3BB

 085A55

 98DFD7

 00433D

 B4FCF3

 002C28

 D0FFFF

 001813

 EDFFFF

 000000

 478D86

 478D86

 398D85

 558D87

 2B8D83

 638D89

■ 1D8D82

■ 718D8A

■ 0F8D80

■ 7F8D8C

■ 008D7F

■ 8E8D8D

■ 9C8D8E

■ AA8D90

■ B88D91

■ C68D93

Harmonies

Analogous

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



5C8C71



478D86



408C9A

Triad

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



478D86



8B7AA2



9E7B5C

Complementary

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



478D86



8D474E

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.



A97569



478D86



A07492

Square

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



478D86



6E82AA



AA727D



8B8258

Rectangle

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



478D86



4989A4



AA727D



A2795F

Sweetspot

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



478D86



9CB8B5



4E8D47



4B5C5A



DBDBDB



5C5C5C

Same Dimension

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



478D86



49B8AD



47718D



404747



00877A



000807

Inverse Universe

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



8D474E



B84954



8D6347



474041



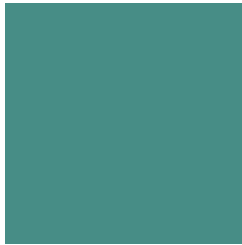
87000E



080001

Previews

White Background



This preview shows how the Hex color 478D86 looks on a white background.

Color Contrast Check

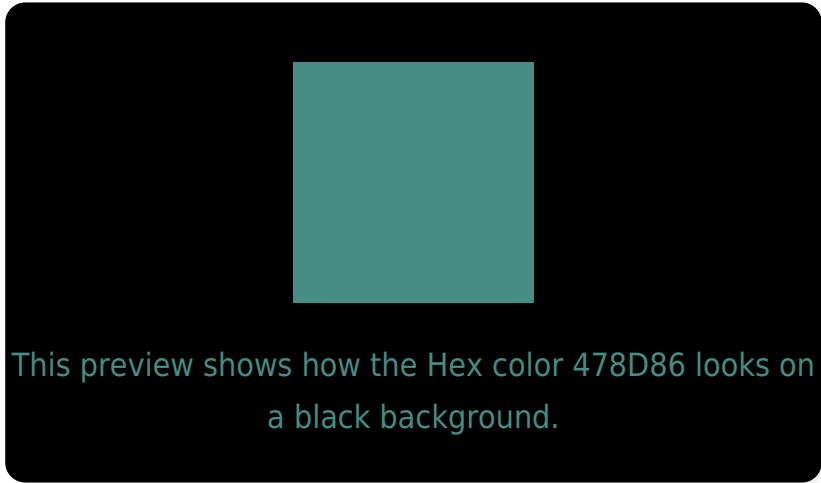
Large Text (above 18pt) WCAG AA ✓ Pass

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

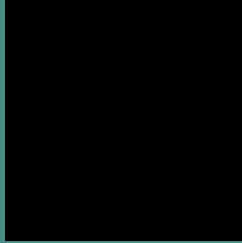
Any Text WCAG AA ✓ Pass

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 478D86 Background



This preview shows how black text looks on a background with the Hex color 478D86.

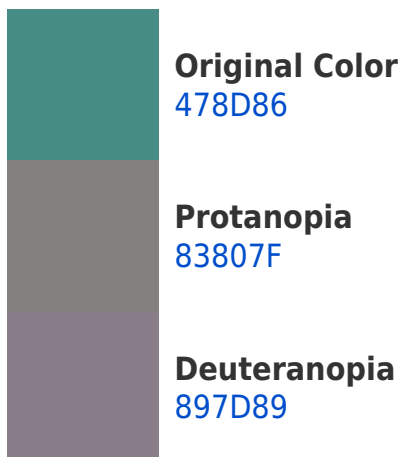


This preview shows how white text looks on a background with the Hex color 478D86.

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
4C8B96

Trichromacy



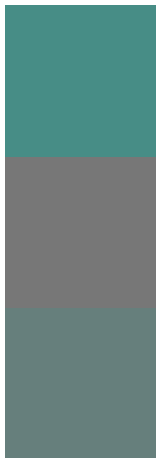
Original Color
478D86

Protanomaly
6D8582

Deuteranomaly
718388

Tritanomaly
4A8C90

Monochromacy



Original Color
478D86

Achromatopsia
777777

Achromatomaly
667F7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 478D86 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 #478D86 looks like.

```
.text, #text, p{  
    color:#478D86  
}
```

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 #478D86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #478D86
}
```

Border

The CSS property to change the border of an element to Hex 478D86 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
#478D86 }
```

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

```
.border{ border-color:#478D86 }
```

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

Here you see how a box with a 4 pixel #478D86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #478D86; -webkit-box-shadow:4px 4px  
4px 4px #478D86; box-shadow:4px 4px 4px  
4px #478D86 }
```

Background

The CSS property to change the background color of an element to Hex 478D86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#478D86 }
```

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

```
.background{ background-color:#478D86 }
```

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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