

# Converting Colors

Hex(47818D)

Have a look what the booklet for  
Hex(47818D) contains.

<b>Hex(47818D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(47818D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47818D
RGB	71, 129, 141
RGB Percent	28%, 51%, 55%
CMY	0.7216, 0.4941, 0.4471
CMYK	0.50, 0.09, 0.00, 0.45
HSL	190°, 33%, 42%
HSV	190°, 50%, 55%
XYZ	15.2565, 18.9632, 28.0555
YIQ	113.0260, -38.4200, -8.5640

# Conversions

## Conversions Part 2

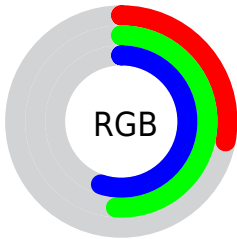
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 103, 141
Decimal	4686221
CIE <sub>Lab</sub>	50.64, -15.53, -12.36
CIE <sub>LCh</sub>	51, 19.847, 218.530
Yxy	18.9632, 0.2450, 0.3045
Android (android.graphics.Color)	4282876301 (0xFF47818D)
YUV	113.0260, 13.7912, -36.8568
Hunter-Lab	43.5467, -13.6697, -7.7155

# Details

The Hex color **47818D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8D5347**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7CB6C3**, and **0B505B** is the 20% darker color. If you saturate the color by 10%, you get **397F8D**, and if you desaturate by 10%, it is **55838D**.

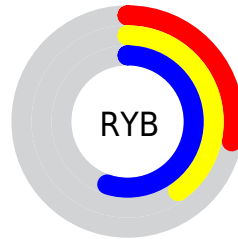
# Distribution



Red (28%)

Green (51%)

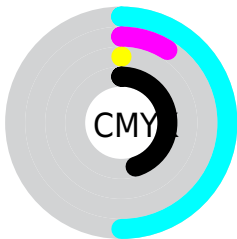
Blue (55%)



Red (28%)

Yellow (40%)

Blue (55%)

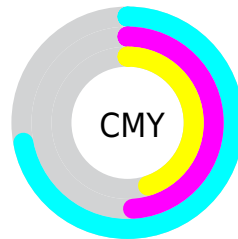


Cyan (50%)

Magenta (9%)

Yellow (0%)

Black (45%)



Cyan (72%)

Magenta (49%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47818D 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 47818D by changing the saturation by 10% instead.



 47818D

 47818D

FFFFFF

 2C6873

 7CB6C3

 0B505B

 97D2DF

 003943

 B3EEFB

 00232D

 CFFFFFF

 000619

 EFFFFFF

 000000

 47818D

 47818D

 397F8D

 55838D

 2B7C8D

 63868D

■ 1D7A8D

■ 71888D

■ 0F778D

■ 7F8B8D

■ 00758D

■ 8E8D8D

■ 9C908D

■ AA928D

■ B8948D

■ C6978D

# Harmonies

## Analogous

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



4B827D



47818D



547E98

# Triad

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



47818D



926E85



807957

# Complementary

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



47818D



8D5347

# 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.



90735A



47818D



9A6C74

# Square

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



47818D



817393



996E64



6D7E5E

# Rectangle

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



47818D



637A9A



996E64



867757



# Sweetspot

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



47818D



9CB3B8



478D53



4B595C



DBDBDB



5C5C5C



# Same Dimension

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



47818D



49A5B8



475E8D



404647



007087



000608



# Inverse Universe

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



8D4781



B849A5



8D7647



474046



870070

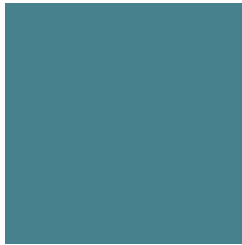


080006



# Previews

## White Background



This preview shows how the Hex color 47818D looks on a white background.

## Color Contrast Check

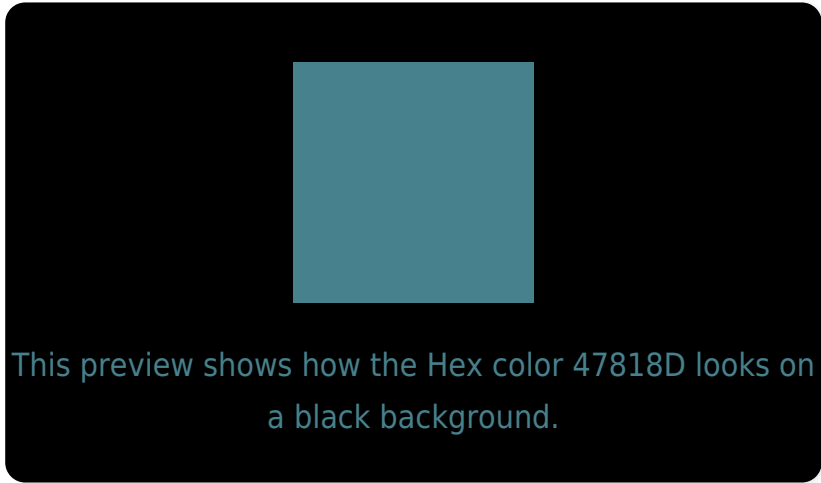
Large Text (above 18pt) WCAG AA ✓ Pass

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

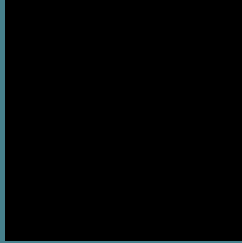
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 47818D Background



This preview shows how black text looks on a background with the Hex color 47818D.

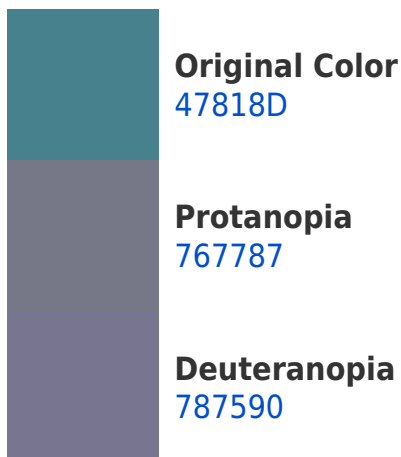



This preview shows how white text looks on a background with the Hex color 47818D.

# 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](#).

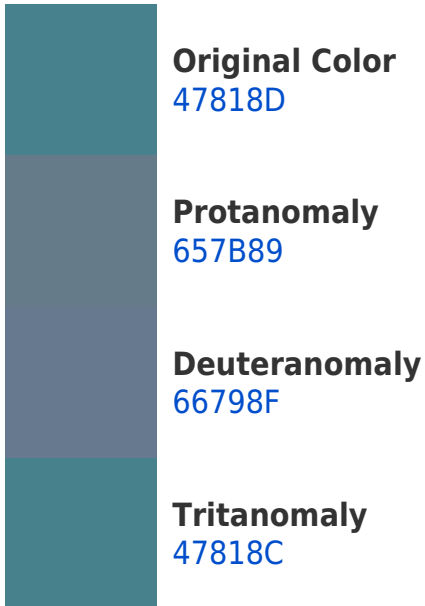
## Dichromacy





**Tritanopia**  
47818C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47818D 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 #47818D looks like.

```
.text, #text, p{  
    color:#47818D  
}
```

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 #47818D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47818D
}
```

## Border

The CSS property to change the border of an element to Hex 47818D 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
#47818D }
```

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

```
.border{ border-color:#47818D }
```

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

Here you see how a box with a 4 pixel #47818D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47818D; -webkit-box-shadow:4px 4px  
4px 4px #47818D; box-shadow:4px 4px 4px  
4px #47818D }
```

# Background

The CSS property to change the background color of an element to Hex 47818D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47818D }
```

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

```
.background{ background-color:#47818D }
```

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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