

# Converting Colors

Hex(488C92)

Have a look what the booklet for  
Hex(488C92) contains.

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# Color

Hex(488C92)

# Conversions

## Conversions Part 1

Format	Color
Hex	488C92
RGB	72, 140, 146
RGB Percent	28%, 55%, 57%
CMY	0.7176, 0.4510, 0.4275
CMYK	0.51, 0.04, 0.00, 0.43
HSL	185°, 34%, 43%
HSV	185°, 51%, 57%
XYZ	17.2389, 22.2092, 30.5723
YIQ	120.3520, -42.4540, -12.5500

# Conversions

## Conversions Part 2

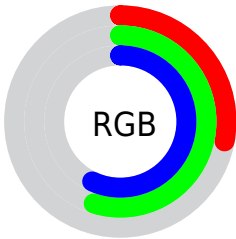
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 107, 146
Decimal	4754578
CIE <sub>Lab</sub>	54.25, -19.77, -9.85
CIE <sub>LCh</sub>	54, 22.085, 206.478
Yxy	22.2092, 0.2462, 0.3172
Android (android.graphics.Color)	4282944658 (0xFF488C92)
YUV	120.3520, 12.6445, -42.4047
Hunter-Lab	47.1266, -17.1765, -5.4744

# Details

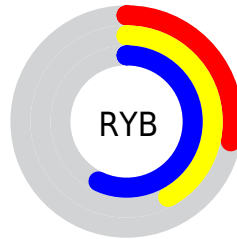
The Hex color **488C92** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **924E48**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **7EC2C8**, and **075A60** is the 20% darker color. If you saturate the color by 10%, you get **398B92**, and if you desaturate by 10%, it is **578D92**.

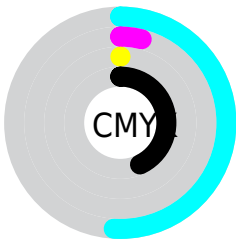
# Distribution



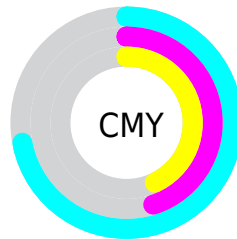
- Red (28%)
- Green (55%)
- Blue (57%)



- Red (28%)
- Yellow (42%)
- Blue (57%)



- Cyan (51%)
- Magenta (4%)
- Yellow (0%)
- Black (43%)



- Cyan (72%)
- Magenta (45%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 488C92 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 488C92 by changing the saturation by 10% instead.





488C92



488C92

FFFFFF



2C7278



7EC2C8



075A60



9ADEE4



004248



B6FAFF



002B31



D2FFFF



00181C



EFFFFFF



000000



488C92



488C92



398B92



578D92



2B8A92



658E92

1C8892

749092

0E8792

829192

008692

919292

A09392

AE9492

BD9592

CB9792

# Harmonies

## Analogous

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



538C7F



488C92



4F89A1

# Triad

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



488C92



987797



92805C

# Complementary

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



488C92



924E48

# 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.



A17963



488C92



A57485

# Square

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



488C92



827EA4



A87572



7E865F

# Rectangle

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



488C92



5E86A6



A87572



977E5D



# Sweetspot

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



488C92



A0BABD



48924D



4D5D5E



DEDEDE



5E5E5E



# Same Dimension

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



488C92



4AB3BD



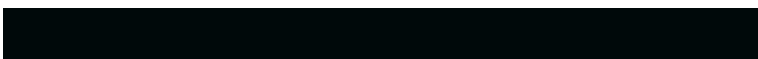
486892



43494A



007F8A



00090A



# Inverse Universe

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



92488C



BD4AB3



927248



4A4349



8A007F

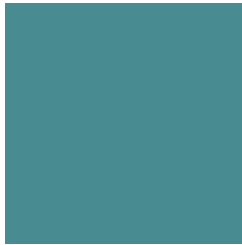


0A0009



# Previews

## White Background



This preview shows how the Hex color 488C92 looks on a white background.

## Color Contrast Check

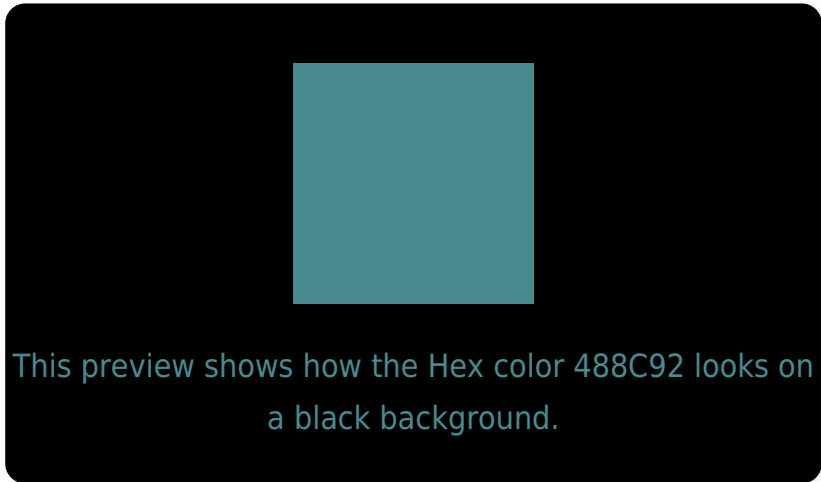
Large Text (above 18pt) WCAG AA ✓ Pass

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

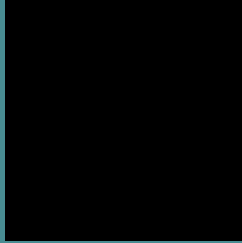
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 488C92 Background



This preview shows how black text looks on a background with the Hex color 488C92.

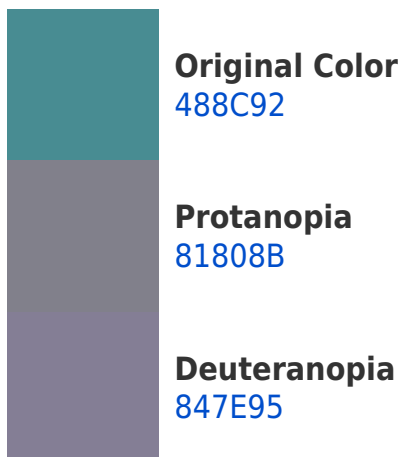


This preview shows how white text looks on a background with the Hex color 488C92.

# 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](#).

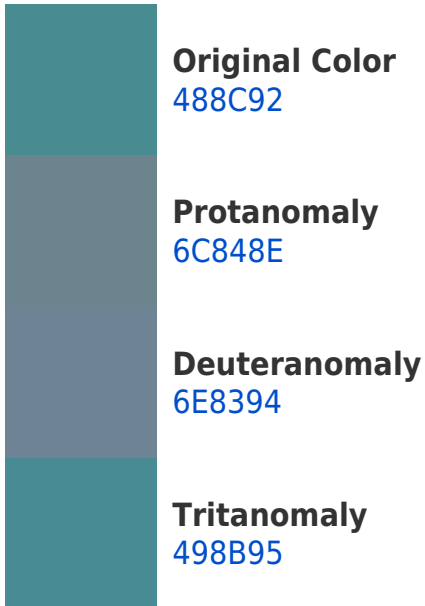
## Dichromacy



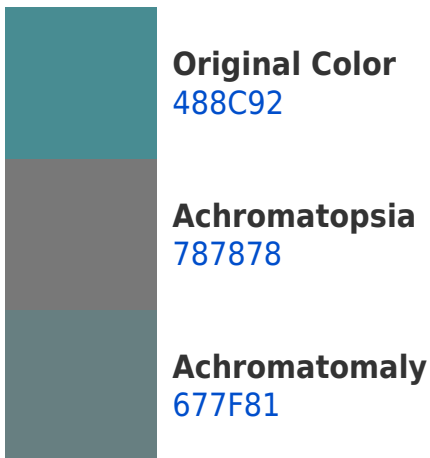


**Tritanopia**  
4A8B97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 488C92 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 #488C92 looks like.

```
.text, #text, p{  
    color:#488C92  
}
```

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 #488C92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488C92
}
```

## Border

The CSS property to change the border of an element to Hex 488C92 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
#488C92 }
```

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

```
.border{ border-color:#488C92 }
```

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

Here you see how a box with a 4 pixel #488C92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488C92; -webkit-box-shadow:4px 4px  
4px 4px #488C92; box-shadow:4px 4px 4px  
4px #488C92 }
```

# Background

The CSS property to change the background color of an element to Hex 488C92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488C92 }
```

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

```
.background{ background-color:#488C92 }
```

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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