

# Converting Colors

Hex(578A92)

Have a look what the booklet for  
Hex(578A92) contains.

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# Color

Hex(578A92)

# Conversions

## Conversions Part 1

Format	Color
Hex	578A92
RGB	87, 138, 146
RGB Percent	34%, 54%, 57%
CMY	0.6588, 0.4588, 0.4275
CMYK	0.40, 0.05, 0.00, 0.43
HSL	188°, 25%, 46%
HSV	188°, 40%, 57%
XYZ	18.2073, 22.2785, 30.5347
YIQ	123.6630, -32.9640, -8.3240

# Conversions

## Conversions Part 2

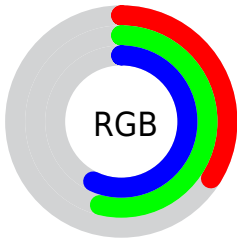
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 114, 146
Decimal	5737106
CIE <sub>Lab</sub>	54.32, -14.88, -9.67
CIE <sub>LCh</sub>	54, 17.744, 213.011
Yxy	22.2785, 0.2564, 0.3137
Android (android.graphics.Color)	4283927186 (0xFF578A92)
YUV	123.6630, 11.0121, -32.1535
Hunter-Lab	47.2001, -13.7445, -5.3158

# Details

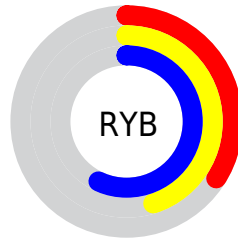
The Hex color **578A92** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **925F57**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8CC0C8**, and **235860** is the 20% darker color. If you saturate the color by 10%, you get **488892**, and if you desaturate by 10%, it is **668C92**.

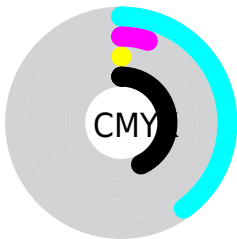
# Distribution



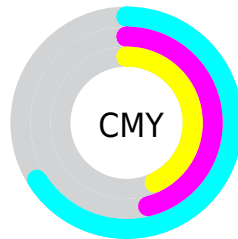
- Red (34%)
- Green (54%)
- Blue (57%)



- Red (34%)
- Yellow (45%)
- Blue (57%)



- Cyan (40%)
- Magenta (5%)
- Yellow (0%)
- Black (43%)



- Cyan (66%)
- Magenta (46%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 578A92 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 578A92 by changing the saturation by 10% instead.





578A92



578A92

FFFFFF



3D7078



8CC0C8



235860



A7DBE4



024048



C3F8FF



002A31



DFFFFFF



00171C



FFFFFFF



000000



578A92



578A92



488892



668C92



3A8692



748E92

■ 2B8492

■ 839092

■ 1D8292

■ 919292

■ 0E8092

■ A09492

■ 007E92

■ AF9692

■ BD9892

■ CC9A92

■ DA9C92

# Harmonies

## Analogous

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



5C8B83



578A92



60879D

# Triad

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



578A92



977990



8C8163

# Complementary

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



578A92



925F57

# 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.



997C67



578A92



A07781

# Square

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



578A92



877D9C



A17872



7B8668

# Rectangle

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



578A92



6B84A0



A17872



918064



# Sweetspot

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



578A92



A6BABD



57925F



515D5E



DEDEDE



5E5E5E



# Same Dimension

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



578A92



62B0BD



576D92



43494A



00778A



00090A



# Inverse Universe

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



92578A



BD62B0



927C57



4A4349



8A0077



0A0009



# Previews

## White Background



This preview shows how the Hex color 578A92 looks on a white background.

## Color Contrast Check

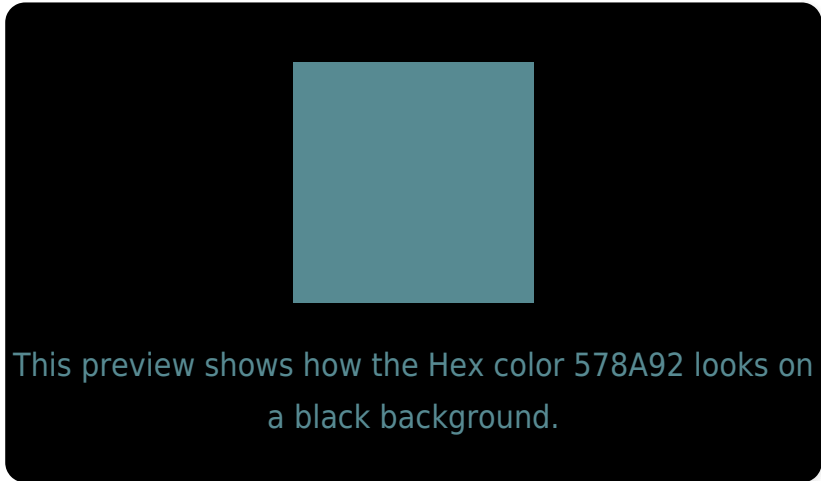
Large Text (above 18pt) WCAG AA ✓ Pass

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

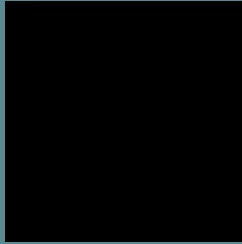
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 578A92 Background



This preview shows how black text looks on a background with the Hex color 578A92.

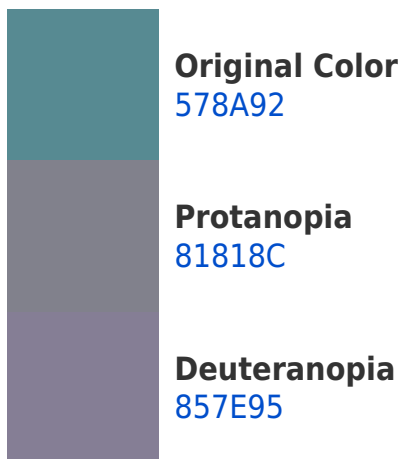



This preview shows how white text looks on a background with the Hex color 578A92.

# 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](#).

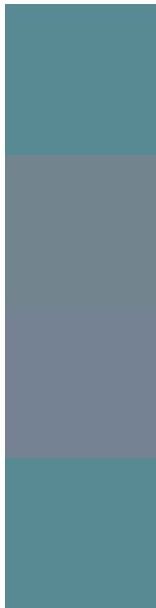
## Dichromacy





**Tritanopia**  
588A95

# Trichromacy



**Original Color**  
578A92

**Protanomaly**  
72848E

**Deuteranomaly**  
748294

**Tritanomaly**  
588A94

# Monochromacy



**Original Color**  
578A92

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
6F8184

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 578A92 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 #578A92 looks like.

```
.text, #text, p{  
    color:#578A92  
}
```

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 #578A92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578A92
}
```

## Border

The CSS property to change the border of an element to Hex 578A92 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
#578A92 }
```

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

```
.border{ border-color:#578A92 }
```

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

Here you see how a box with a 4 pixel #578A92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578A92; -webkit-box-shadow:4px 4px  
4px 4px #578A92; box-shadow:4px 4px 4px  
4px #578A92 }
```

# Background

The CSS property to change the background color of an element to Hex 578A92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578A92 }
```

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

```
.background{ background-color:#578A92 }
```

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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