

# Converting Colors

Hex(588A95)

Have a look what the booklet for  
Hex(588A95) contains.

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# Color

Hex(588A95)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	588A95
RGB	88, 138, 149
RGB Percent	35%, 54%, 58%
CMY	0.6549, 0.4588, 0.4157
CMYK	0.41, 0.07, 0.00, 0.42
HSL	191°, 26%, 46%
HSV	191°, 41%, 58%
XYZ	18.5378, 22.4216, 31.7845
YIQ	124.3040, -33.3310, -7.1790

# Conversions

## Conversions Part 2

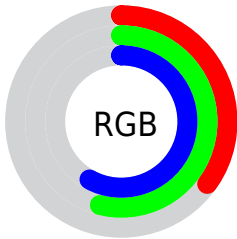
Format	Color
R <sub>Y</sub> B	88, 115, 149
Decimal	5802645
CIE Lab	54.47, -13.79, -11.17
CIE LCh	54, 17.749, 219.002
Yxy	22.4216, 0.2548, 0.3082
Android (android.graphics.Color)	4283992725 (0xFF588A95)
YUV	124.3040, 12.1751, -31.8386
Hunter-Lab	47.3514, -12.9834, -6.6522

# Details

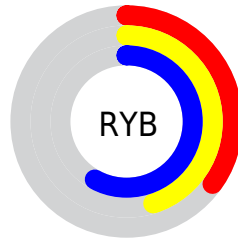
The Hex color **588A95** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **956358**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8DC0CB**, and **245862** is the 20% darker color. If you saturate the color by 10%, you get **498795**, and if you desaturate by 10%, it is **678D95**.

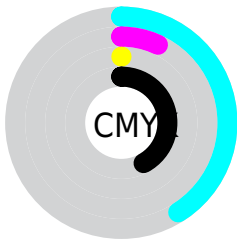
# Distribution



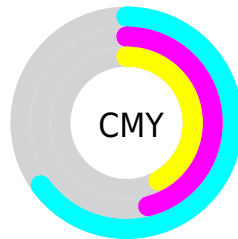
- Red (35%)
- Green (54%)
- Blue (58%)



- Red (35%)
- Yellow (45%)
- Blue (58%)



- Cyan (41%)
- Magenta (7%)
- Yellow (0%)
- Black (42%)



- Cyan (65%)
- Magenta (46%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 588A95 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 588A95 by changing the saturation by 10% instead.





588A95



588A95

FFFFFF



3E717B



8DC0CB



245862



A8DBE7



03414A



C4F8FF



002A34



E0FFFF



00171F

FEFFFF



000004



000000



588A95



588A95



498795



678D95

■ 3A8595

■ 768F95

■ 2B8295

■ 859295

■ 1C7F95

■ 949595

■ 0D7D95

■ A39795

■ 007A95

■ B19A95

■ C09D95

■ CF9F95

■ DEA295

# Harmonies

## Analogous

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



5A8B87



588A95



63879E

# Triad

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



588A95



9A798E



898364

# Complementary

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



588A95



956358

# 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.



987E66



588A95



A2777E

# Square

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



588A95



8B7D9A



A07970



78876A

# Rectangle

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



588A95



7084A1



A07970



8E8164



# Sweetspot

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



588A95



ABBEC2



589562



535E61



E0E0E0



616161



# Same Dimension

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



588A95



63B1C2



586C95



43494A



00718A



00080A



# Inverse Universe

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



95588A



C263B1



958158



4A4349



8A0071

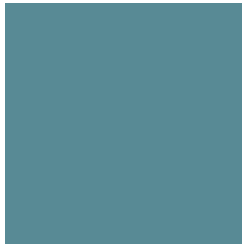


0A0008



# Previews

## White Background



This preview shows how the Hex color 588A95 looks on a white background.

## Color Contrast Check

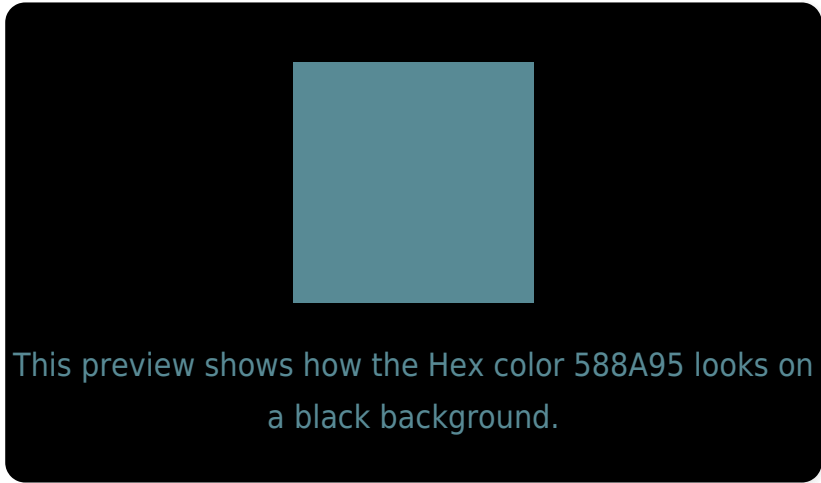
Large Text (above 18pt) WCAG AA ✓ Pass

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

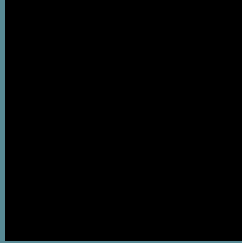
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 588A95 Background



This preview shows how black text looks on a background with the Hex color 588A95.

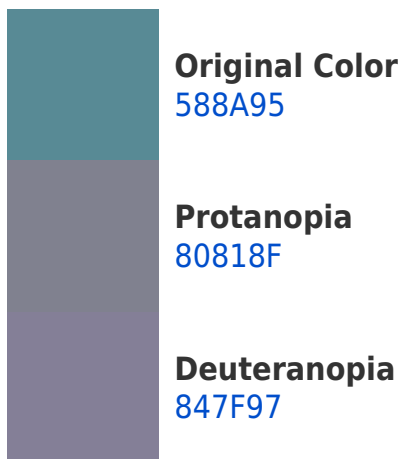


This preview shows how white text looks on a background with the Hex color 588A95.

# 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](#).

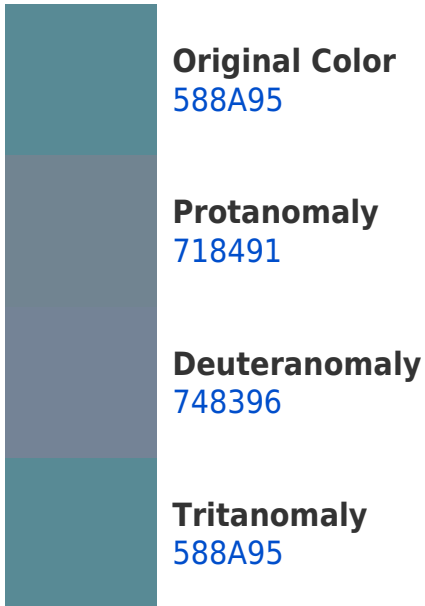
## Dichromacy





**Tritanopia**  
588A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 588A95 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 #588A95 looks like.

```
.text, #text, p{  
    color:#588A95  
}
```

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 #588A95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588A95
}
```

## Border

The CSS property to change the border of an element to Hex 588A95 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
#588A95 }
```

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

```
.border{ border-color:#588A95 }
```

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

Here you see how a box with a 4 pixel #588A95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588A95; -webkit-box-shadow:4px 4px  
4px 4px #588A95; box-shadow:4px 4px 4px  
4px #588A95 }
```

# Background

The CSS property to change the background color of an element to Hex 588A95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588A95 }
```

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

```
.background{ background-color:#588A95 }
```

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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