

# Converting Colors

Hex(588D95)

Have a look what the booklet for  
Hex(588D95) contains.

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# Color

Hex(588D95)

# Conversions

## Conversions Part 1

Format	Color
Hex	588D95
RGB	88, 141, 149
RGB Percent	35%, 55%, 58%
CMY	0.6549, 0.4471, 0.4157
CMYK	0.41, 0.05, 0.00, 0.42
HSL	188°, 26%, 46%
HSV	188°, 41%, 58%
XYZ	18.9742, 23.2944, 31.9300
YIQ	126.0650, -34.1560, -8.7480

# Conversions

## Conversions Part 2

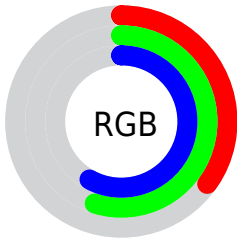
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 116, 149
Decimal	5803413
CIE <sub>Lab</sub>	55.37, -15.43, -9.82
CIE <sub>LCh</sub>	55, 18.285, 212.468
Y <sub>xy</sub>	23.2944, 0.2557, 0.3139
Android (android.graphics.Color)	4283993493 (0xFF588D95)
YUV	126.0650, 11.3070, -33.3830
Hunter-Lab	48.2643, -14.2885, -5.4393

# Details

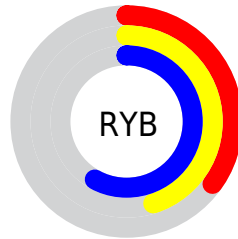
The Hex color **588D95** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **956058**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **8DC3CB**, and **245B62** is the 20% darker color. If you saturate the color by 10%, you get **498B95**, and if you desaturate by 10%, it is **678F95**.

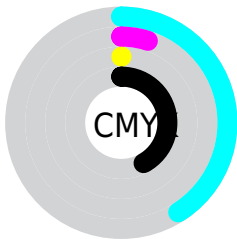
# Distribution



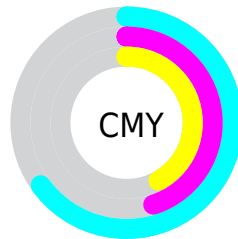
- Red (35%)
- Green (55%)
- Blue (58%)



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



- Cyan (41%)
- Magenta (5%)
- Yellow (0%)
- Black (42%)



- Cyan (65%)
- Magenta (45%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 588D95 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 588D95 by changing the saturation by 10% instead.



■ 588D95

■ 588D95

FFFFFF

■ 3E737B

■ 8DC3CB

■ 245B62

■ A8DFE7

■ 02434B

■ C4FBFF

■ 002D34

■ E1FFFF

■ 00191F

FEFFFF

■ 000004

■ 000000

■ 588D95

■ 588D95

■ 498B95

■ 678F95

■ 3A8995

■ 769195

■ 2B8795

■ 859395

■ 1C8595

■ 949595

■ 0D8395

■ A39795

■ 008195

■ B19995

■ C09B95

■ CF9D95

■ DE9F95

# Harmonies

## Analogous

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



5D8E85



588D95



618AA0

# Triad

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



588D95



9A7B94



8F8465

# Complementary

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



588D95



956058

# 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.



9D7F69



588D95



A47984

# Square

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



588D95



89809F



A57B74



7E896A

# Rectangle

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



588D95



6D87A4



A57B74



948265



# Sweetspot

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



588D95



ABBFC2



58955F



535F61



E0E0E0



616161



# Same Dimension

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



588D95



63B5C2



586F95



43494A



00788A



00090A



# Inverse Universe

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



95588D



C263B5



957E58



4A4349



8A0078



0A0009



# Previews

## White Background



This preview shows how the Hex color 588D95 looks on a white background.

## Color Contrast Check

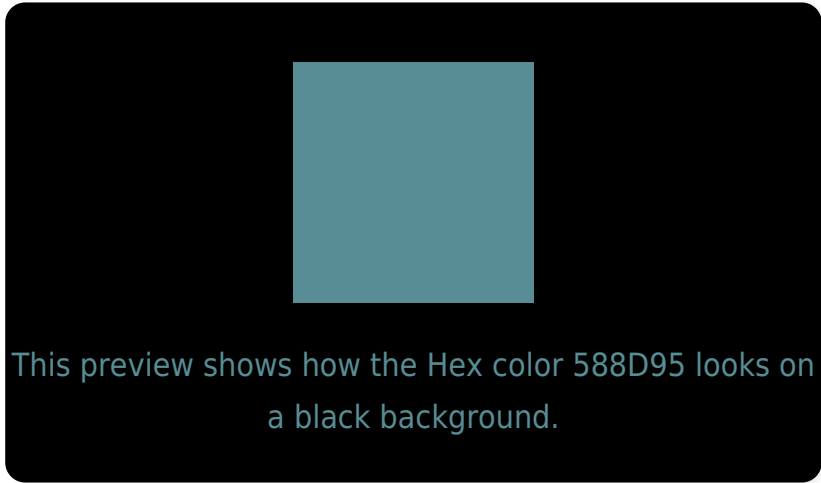
Large Text (above 18pt) WCAG AA ✓ Pass

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

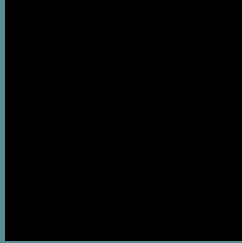
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 588D95 Background



This preview shows how black text looks on a background with the Hex color 588D95.

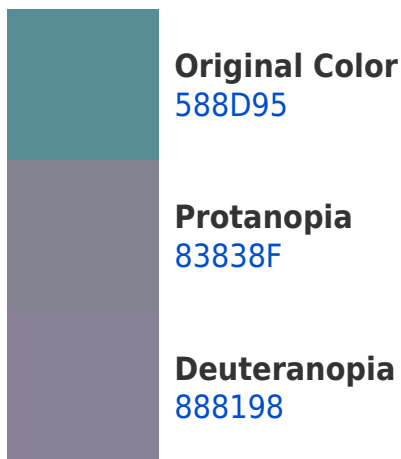


This preview shows how white text looks on a background with the Hex color 588D95.

# 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**  
598D98

# Trichromacy



**Original Color**  
588D95

**Protanomaly**  
738791

**Deuteranomaly**  
778597

**Tritanomaly**  
598D97

# Monochromacy



**Original Color**  
588D95

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
708386

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 588D95 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 #588D95 looks like.

```
.text, #text, p{  
    color:#588D95  
}
```

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 #588D95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588D95
}
```

## Border

The CSS property to change the border of an element to Hex 588D95 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
#588D95 }
```

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

```
.border{ border-color:#588D95 }
```

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

Here you see how a box with a 4 pixel #588D95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588D95; -webkit-box-shadow:4px 4px  
4px 4px #588D95; box-shadow:4px 4px 4px  
4px #588D95 }
```

# Background

The CSS property to change the background color of an element to Hex 588D95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588D95 }
```

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

```
.background{ background-color:#588D95 }
```

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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