

# Converting Colors

Hex(5F9490)

Have a look what the booklet for  
Hex(5F9490) contains.

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**Color**

**Hex(5F9490)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F9490
RGB	95, 148, 144
RGB Percent	37%, 58%, 56%
CMY	0.6275, 0.4196, 0.4353
CMYK	0.36, 0.00, 0.03, 0.42
HSL	175°, 22%, 48%
HSV	175°, 36%, 58%
XYZ	20.3433, 25.6263, 30.2597
YIQ	131.6970, -30.3040, -12.4800

# Conversions

## Conversions Part 2

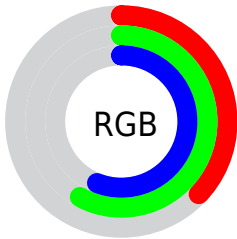
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 123, 148
Decimal	6263952
CIE Lab	57.68, -18.50, -3.48
CIE LCh	58, 18.827, 190.654
Yxy	25.6263, 0.2669, 0.3362
Android (android.graphics.Color)	4284454032 (0xFF5F9490)
YUV	131.6970, 6.0654, -32.1833
Hunter-Lab	50.6224, -16.8568, -0.0051

# Details

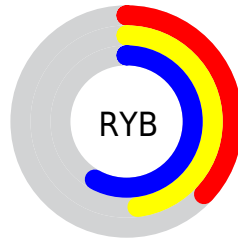
The Hex color **5F9490** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **945F63**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **94CAC6**, and **2C615E** is the 20% darker color. If you saturate the color by 10%, you get **50948F**, and if you desaturate by 10%, it is **6E9491**.

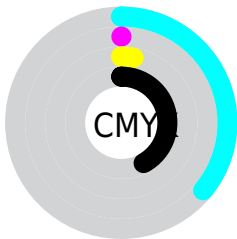
# Distribution



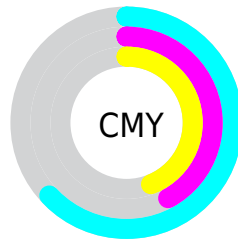
- Red (37%)
- Green (58%)
- Blue (56%)



- Red (37%)
- Yellow (48%)
- Blue (58%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (42%)



- Cyan (63%)
- Magenta (42%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F9490 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 5F9490 by changing the saturation by 10% instead.



 5F9490

 5F9490

FFFFFF

 457A76

 94CAC6

 2C615E

 AFE6E2

 104946

 CBFFFE

 003230

 E8FFFF

 001E1B

 000000

 5F9490

 5F9490

 50948F

 6E9491

 41948E

 7D9492

33948D

8B9493

24948C

9A9494

15948A

A99496

069489

B89497

009489

C79498

D59499

E4949A

# Harmonies

## Analogous

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



6C937F



5F9490



5D939F

# Triad

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



5F9490



9584A4



A1866C

# Complementary

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



5F9490



945F63

# 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.



AA8176



5F9490



A58096

# Square

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



5F9490



7F8AAB



AC7F85



918B6A

# Rectangle

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



5F9490



6491A7



AC7F85



A5846E



# Sweetspot

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



5F9490



AABFBE



63945F



546160



E0E0E0



616161



# Same Dimension

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



5F9490



6DBFB9



5F7E94



434A49



008A7F



000A09



# Inverse Universe

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



945F63



BF6D73



94755F



4A4343



8A000A



0A0001



# Previews

## White Background



This preview shows how the Hex color 5F9490 looks on a white background.

## Color Contrast Check

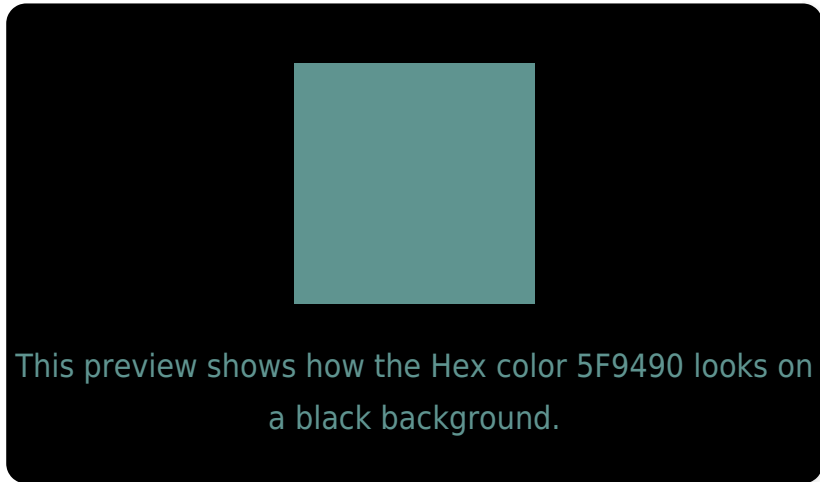
Large Text (above 18pt) WCAG AA ✓ Pass

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

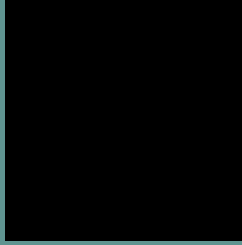
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5F9490 Background



This preview shows how black text looks on a background with the Hex color 5F9490.



This preview shows how white text looks on a background with the Hex color 5F9490.

# 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



**Original Color**  
5F9490

**Protanopia**  
8C898A

**Deuteranopia**  
938693



**Tritanopia**  
62929E

# Trichromacy



**Original Color**  
5F9490

**Protanomaly**  
7C8D8C

**Deuteranomaly**  
808B92

**Tritanomaly**  
619399

# Monochromacy



**Original Color**  
5F9490

**Achromatopsia**  
848484

**Achromatomaly**  
778A88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F9490 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 #5F9490 looks like.

```
.text, #text, p{  
    color:#5F9490  
}
```

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 #5F9490 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9490
}
```

## Border

The CSS property to change the border of an element to Hex 5F9490 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
#5F9490 }
```

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

```
.border{ border-color:#5F9490 }
```

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

Here you see how a box with a 4 pixel #5F9490 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9490; -webkit-box-shadow:4px 4px  
4px 4px #5F9490; box-shadow:4px 4px 4px  
4px #5F9490 }
```

# Background

The CSS property to change the background color of an element to Hex 5F9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9490 }
```

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

```
.background{ background-color:#5F9490 }
```

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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