

# Converting Colors

Hex(5F9191)

Have a look what the booklet for  
Hex(5F9191) contains.

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# Color

**Hex(5F9191)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F9191
RGB	95, 145, 145
RGB Percent	37%, 57%, 57%
CMY	0.6275, 0.4314, 0.4314
CMYK	0.34, 0.00, 0.00, 0.43
HSL	180°, 21%, 47%
HSV	180°, 34%, 57%
XYZ	19.9555, 24.7280, 30.5093
YIQ	130.0500, -29.8000, -10.6000

# Conversions

## Conversions Part 2

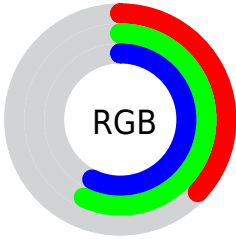
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 120, 145
Decimal	6263185
CIE <sub>Lab</sub>	56.81, -16.66, -5.34
CIE <sub>LCh</sub>	57, 17.494, 197.775
Yxy	24.7280, 0.2654, 0.3289
Android (android.graphics.Color)	4284453265 (0xFF5F9191)
YUV	130.0500, 7.3703, -30.7389
Hunter-Lab	49.7273, -15.3907, -1.5672

# Details

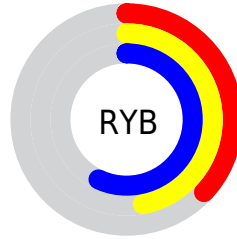
The Hex color **5F9191** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **915F5F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **94C7C7**, and **2C5E5F** is the 20% darker color. If you saturate the color by 10%, you get **519191**, and if you desaturate by 10%, it is **6E9191**.

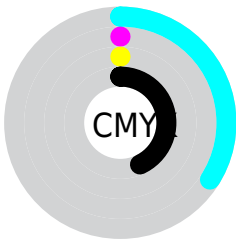
# Distribution



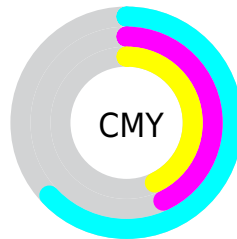
- Red (37%)
- Green (57%)
- Blue (57%)



- Red (37%)
- Yellow (47%)
- Blue (57%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (43%)



- Cyan (63%)
- Magenta (43%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F9191 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 5F9191 by changing the saturation by 10% instead.



■ 5F9191

■ 5F9191

FFFFFF

■ 467777

■ 94C7C7

■ 2C5E5F

■ AFE3E3

■ 114747

■ CBFFFF

■ 003031

■ E7FFFF

■ 001C1C

■ 000000

■ 5F9191

■ 5F9191

■ 519191

■ 6E9191

■ 429191

■ 7C9191

■ 349191

■ 8B9191

■ 259191

■ 999191

■ 179191

■ A89191

■ 089191

■ B69191

■ 009191

■ C49191

■ D39191

■ E29191

# Harmonies

## Analogous

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



699181



5F9191



618F9E

# Triad

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



5F9191



96819D



9A856B

# Complementary

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



5F9191



915F5F

# 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.



A48072



5F9191



A37E8F

# Square

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



5F9191



8387A5



A87E80



8A8A6B

# Rectangle

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



5F9191



698DA4



A87E80



9E836D



# Sweetspot

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



5F9191



AABDBD



5F915F



535E5E



DEDEDE



5E5E5E



# Same Dimension

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



5F9191



6FBDBD



5F7891



404747



008787



000808



# Inverse Universe

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



915F91



BD6FBD



91785F



474047



870087

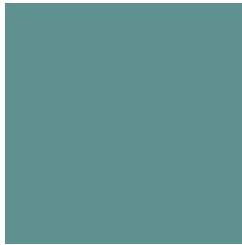


080008



# Previews

## White Background



This preview shows how the Hex color 5F9191 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

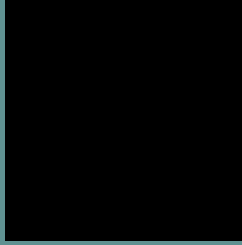
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5F9191 Background



This preview shows how black text looks on a background with the Hex color 5F9191.

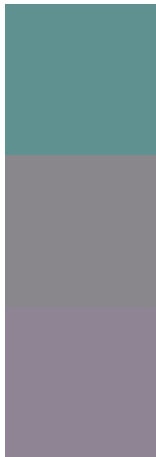


This preview shows how white text looks on a background with the Hex color 5F9191.

# 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**  
5F9191

**Protanopia**  
89878B

**Deuteranopia**  
8F8494



**Tritanopia**  
628F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F9191 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 #5F9191 looks like.

```
.text, #text, p{  
    color:#5F9191  
}
```

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 #5F9191 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9191
}
```

## Border

The CSS property to change the border of an element to Hex 5F9191 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
#5F9191 }
```

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

```
.border{ border-color:#5F9191 }
```

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

Here you see how a box with a 4 pixel #5F9191 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9191; -webkit-box-shadow:4px 4px  
4px 4px #5F9191; box-shadow:4px 4px 4px  
4px #5F9191 }
```

# Background

The CSS property to change the background color of an element to Hex 5F9191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9191 }
```

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

```
.background{ background-color:#5F9191 }
```

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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