

# Converting Colors

Hex(4F9595)

Have a look what the booklet for  
Hex(4F9595) contains.

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**Color**

**Hex(4F9595)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F9595
RGB	79, 149, 149
RGB Percent	31%, 58%, 58%
CMY	0.6902, 0.4157, 0.4157
CMYK	0.47, 0.00, 0.00, 0.42
HSL	180°, 31%, 45%
HSV	180°, 47%, 58%
XYZ	19.3967, 25.3271, 32.3001
YIQ	128.0700, -41.7200, -14.8400

# Conversions

## Conversions Part 2

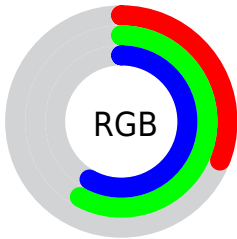
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 114, 149
Decimal	5215637
CIE <sub>Lab</sub>	57.39, -21.97, -6.85
CIE <sub>LCh</sub>	57, 23.016, 197.307
Yxy	25.3271, 0.2518, 0.3288
Android (android.graphics.Color)	4283405717 (0xFF4F9595)
YUV	128.0700, 10.3185, -43.0344
Hunter-Lab	50.3260, -19.2729, -2.8251

# Details

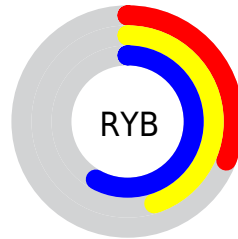
The Hex color **4F9595** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **954F4F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **85CBCB**, and **136262** is the 20% darker color. If you saturate the color by 10%, you get **409595**, and if you desaturate by 10%, it is **5E9595**.

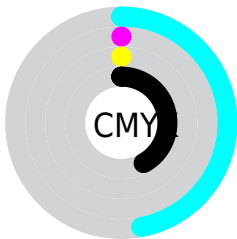
# Distribution



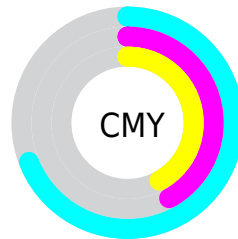
- Red (31%)
- Green (58%)
- Blue (58%)



- Red (31%)
- Yellow (45%)
- Blue (58%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)



- Cyan (69%)
- Magenta (42%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F9595 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 4F9595 by changing the saturation by 10% instead.



 4F9595

 4F9595

FFFFFF

 337B7B

 85CBCB

 136262

 A1E8E7

 004A4B

 BDFFFF

 003334

 DAFFFF

 001F1F

 F7FFFF

 000006

 000000

 4F9595

 4F9595

 409595

 5E9595

■ 319595

■ 6D9595

■ 229595

■ 7C9595

■ 139595

■ 8B9595

■ 049595

■ 9A9595

■ 009595

■ A89595

■ B79595

■ C69595

■ D59595

# Harmonies

## Analogous

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



5F9480



4F9595



5093A7

# Triad

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



4F9595



9B81A5



A08663

# Complementary

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



4F9595



954F4F

# 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.



AE7F6D



4F9595



AC7C93

# Square

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



4F9595



8188B0



B37B7F



8C8C63

# Rectangle

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



4F9595



5C90AE



B37B7F



A68365



# Sweetspot

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



4F9595



A7C2C2



4F954F



506161



E0E0E0



616161



# Same Dimension

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



4F9595



55C2C2



4F7295



434A4A



008A8A



000A0A



# Inverse Universe

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



954F95



C255C2



95724F



4A434A



8A008A

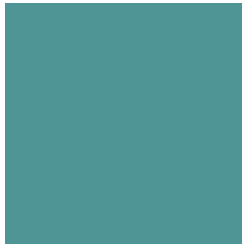


0A000A



# Previews

## White Background



This preview shows how the Hex color 4F9595 looks on a white background.

## Color Contrast Check

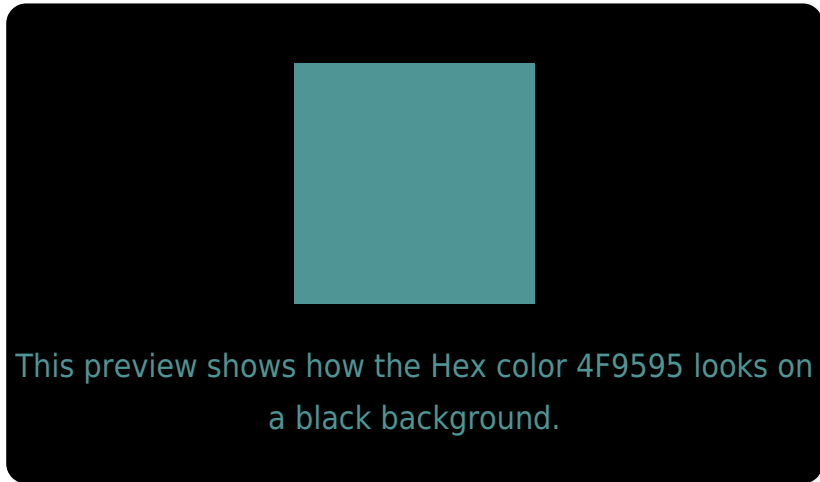
Large Text (above 18pt) WCAG AA ✓ Pass

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

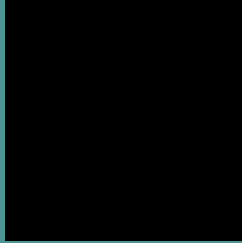
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

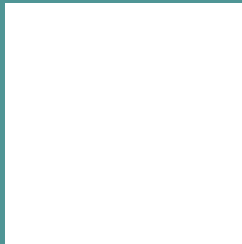
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F9595 Background



This preview shows how black text looks on a background with the Hex color 4F9595.

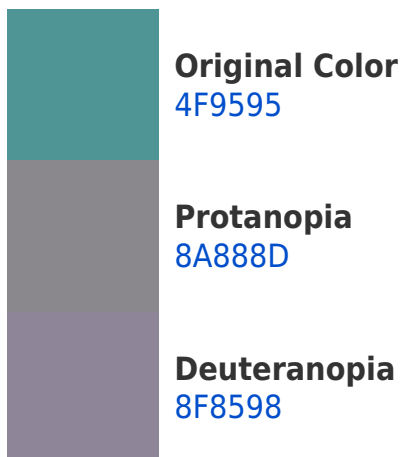


This preview shows how white text looks on a background with the Hex color 4F9595.

# 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**  
52939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F9595 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 #4F9595 looks like.

```
.text, #text, p{  
    color:#4F9595  
}
```

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 #4F9595 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9595
}
```

## Border

The CSS property to change the border of an element to Hex 4F9595 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
#4F9595 }
```

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

```
.border{ border-color:#4F9595 }
```

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

Here you see how a box with a 4 pixel #4F9595 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9595; -webkit-box-shadow:4px 4px  
4px 4px #4F9595; box-shadow:4px 4px 4px  
4px #4F9595 }
```

# Background

The CSS property to change the background color of an element to Hex 4F9595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9595 }
```

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

```
.background{ background-color:#4F9595 }
```

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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