

Converting Colors

Hex(4F9696)

Have a look what the booklet for
Hex(4F9696) contains.

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Color

Hex(4F9696)

Conversions

Conversions Part 1

Format	Color
Hex	4F9696
RGB	79, 150, 150
RGB Percent	31%, 59%, 59%
CMY	0.6902, 0.4118, 0.4118
CMYK	0.47, 0.00, 0.00, 0.41
HSL	180°, 31%, 45%
HSV	180°, 47%, 59%
XYZ	19.6358, 25.6770, 32.7754
YIQ	128.7710, -42.3160, -15.0520

Conversions

Conversions Part 2

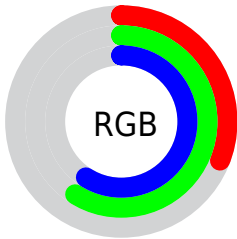
Format	Color
R_{YB}	79, 115, 150
Decimal	5215894
CIE _{Lab}	57.73, -22.22, -6.92
CIE _{LCh}	58, 23.271, 197.295
Yxy	25.6770, 0.2515, 0.3288
Android (android.graphics.Color)	4283405974 (0xFF4F9696)
YUV	128.7710, 10.4659, -43.6492
Hunter-Lab	50.6724, -19.5072, -2.8786

Details

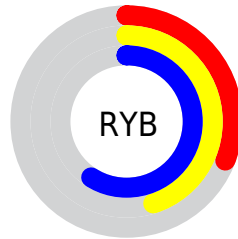
The Hex color **4F9696** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **964F4F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **85CCCC**, and **136363** is the 20% darker color. If you saturate the color by 10%, you get **409696**, and if you desaturate by 10%, it is **5E9696**.

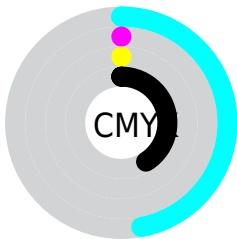
Distribution



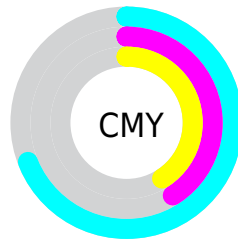
- Red (31%)
- Green (59%)
- Blue (59%)



- Red (31%)
- Yellow (45%)
- Blue (59%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (41%)



- Cyan (69%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F9696 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 4F9696 by changing the saturation by 10% instead.



4F9696



4F9696

FFFFFF



337C7C



85CCCC



136363



A1E9E8



004B4B



BDFFFF



003435



DAFFFF



001F20



F7FFFF



000007



000000



4F9696



4F9696



409696



5E9696

319696

6D9696

229696

7C9696

139696

8B9696

049696

9A9696

009696

A99696

B89696

C79696

D69696

Harmonies

Analogous

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



5F9581



4F9696



5094A8

Triad

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



4F9696



9C82A6



A18663

Complementary

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



4F9696



964F4F

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.



AF806E



4F9696



AE7D94

Square

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



4F9696



8289B1



B47C80



8D8D64

Rectangle

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



4F9696



5D91B0



B47C80



A78466

Sweetspot

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



4F9696



A7C2C2



4F964F



506161



E0E0E0



616161

Same Dimension

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



4F9696



53C2C2



4F7396



434A4A



008A8A



000A0A

Inverse Universe

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



964F96



C253C2



96734F



4A434A



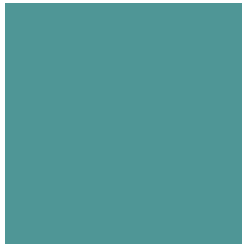
8A008A



0A000A

Previews

White Background



This preview shows how the Hex color 4F9696 looks on a white background.

Color Contrast Check

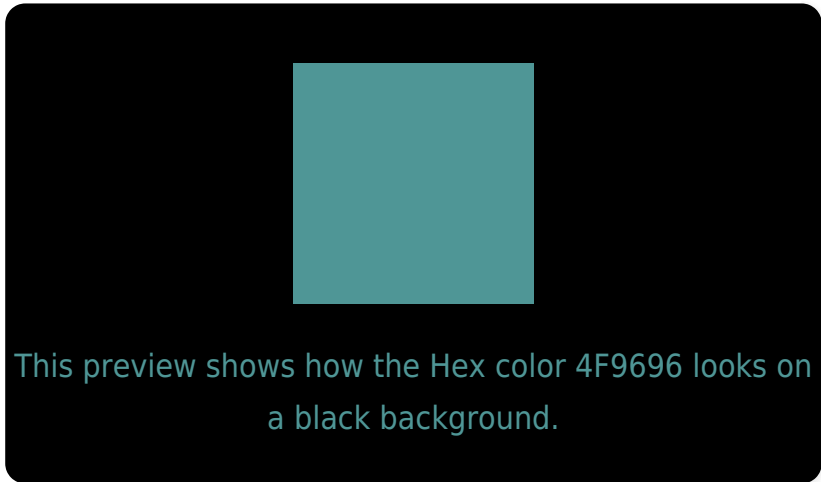
Large Text (above 18pt) WCAG AA ✓ Pass

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

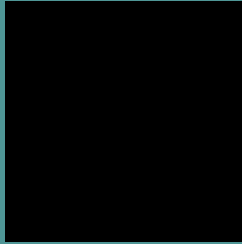
Any Text WCAG AA ✓ Pass

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 4F9696 Background



This preview shows how black text looks on a background with the Hex color 4F9696.

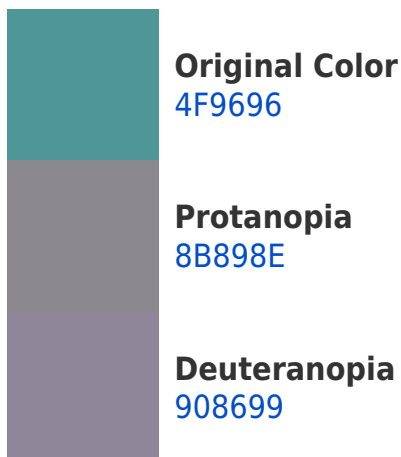


This preview shows how white text looks on a background with the Hex color 4F9696.

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



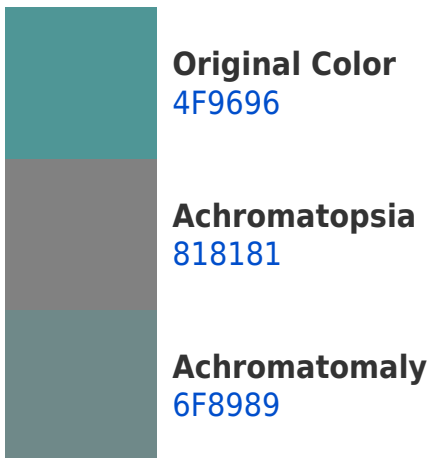


Tritanopia
5294A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F9696 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 #4F9696 looks like.

```
.text, #text, p{  
    color:#4F9696  
}
```

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 #4F9696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9696
}
```

Border

The CSS property to change the border of an element to Hex 4F9696 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
#4F9696 }
```

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

```
.border{ border-color:#4F9696 }
```

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

Here you see how a box with a 4 pixel #4F9696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9696; -webkit-box-shadow:4px 4px  
4px 4px #4F9696; box-shadow:4px 4px 4px  
4px #4F9696 }
```

Background

The CSS property to change the background color of an element to Hex 4F9696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9696 }
```

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

```
.background{ background-color:#4F9696 }
```

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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