

Converting Colors

Hex(4D9E9F)

Have a look what the booklet for
Hex(4D9E9F) contains.

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Color

Hex(4D9E9F)

Conversions

Conversions Part 1

Format	Color
Hex	4D9E9F
RGB	77, 158, 159
RGB Percent	30%, 62%, 62%
CMY	0.6980, 0.3804, 0.3765
CMYK	0.52, 0.01, 0.00, 0.38
HSL	181°, 35%, 46%
HSV	181°, 52%, 62%
XYZ	21.5454, 28.5347, 37.1731
YIQ	133.8950, -48.5970, -16.8610

Conversions

Conversions Part 2

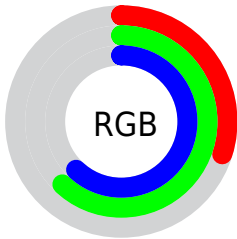
Format	Color
RYB	77, 118, 159
Decimal	5086879
CIELab	60.37, -24.31, -8.11
CIELCh	60, 25.628, 198.454
Yxy	28.5347, 0.2469, 0.3270
Android (android.graphics.Color)	4283276959 (0xFF4D9E9F)
YUV	133.8950, 12.3768, -49.8969
Hunter-Lab	53.4179, -21.4856, -3.8669

Details

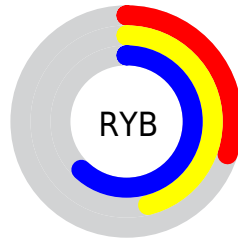
The Hex color **4D9E9F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9F4E4D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **85D5D6**, and **076A6C** is the 20% darker color. If you saturate the color by 10%, you get **3D9E9F**, and if you desaturate by 10%, it is **5D9E9F**.

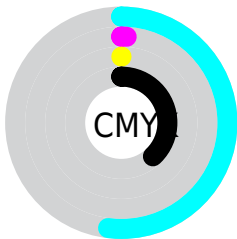
Distribution



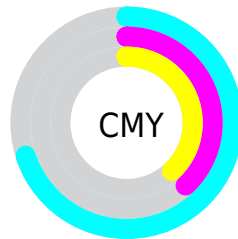
- Red (30%)
- Green (62%)
- Blue (62%)



- Red (30%)
- Yellow (46%)
- Blue (62%)



- Cyan (52%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)



- Cyan (70%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D9E9F 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 4D9E9F by changing the saturation by 10% instead.



4D9E9F



4D9E9F

FFFFFF



308485



85D5D6



076A6C



A1F1F2



005253



BDFFFF



003A3C



DAFFFF



002527



F8FFFF



000313



000000



4D9E9F



4D9E9F



3D9E9F



5D9E9F

 2D9E9F

 6D9E9F

 1D9D9F

 7D9F9F

 0D9D9F

 8D9F9F

 009D9F

 9D9F9F

 AC9F9F

 BC9F9F

 CCA09F

 DCA09F

Harmonies

Analogous

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



609E88



4D9E9F



4F9CB3

Triad

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



4D9E9F



A687B0



AA8D66

Complementary

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



4D9E9F



9F4E4D

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.



B98671



4D9E9F



B9829B

Square

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



4D9E9F



898FBC



BF8184



939566

Rectangle

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



4D9E9F



5E98BB



BF8184



B08B68

Sweetspot

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



4D9E9F



B0CECF



4D9F4D



566869



E8E8E8



696969

Same Dimension

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



4D9E9F



4ECDCF



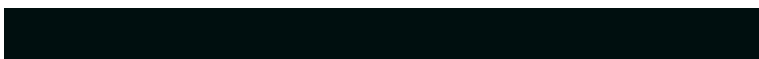
4D769F



474F4F



008D8F



000F0F

Inverse Universe

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



9F4D9E



CF4ECD



9F764D



4F474F



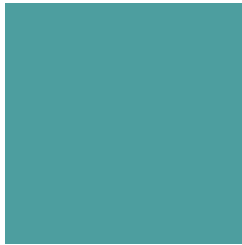
8F008D



0F000F

Previews

White Background



This preview shows how the Hex color 4D9E9F looks on a white background.

Color Contrast Check

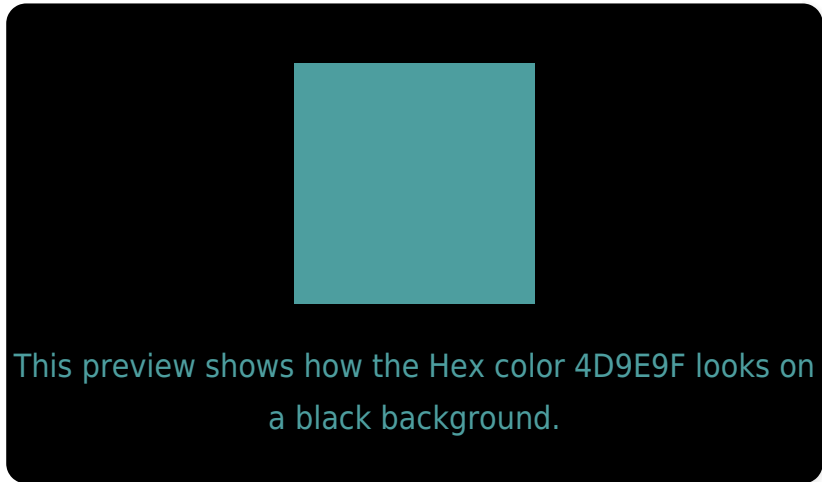
Large Text (above 18pt) WCAG AA ✓ Pass

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

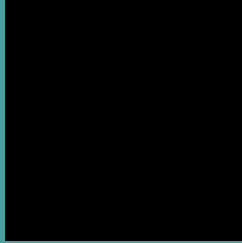
Any Text WCAG AA ✓ Pass

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 4D9E9F Background



This preview shows how black text looks on a background with the Hex color 4D9E9F.

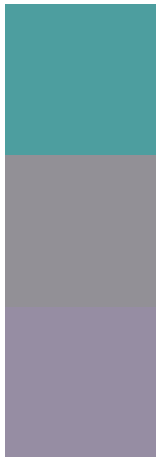


This preview shows how white text looks on a background with the Hex color 4D9E9F.

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](#).

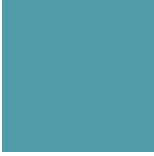
Dichromacy



Original Color
4D9E9F

Protanopia
929096

Deuteranopia
968DA3



Tritanopia
519CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D9E9F 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 #4D9E9F looks like.

```
.text, #text, p{  
    color:#4D9E9F  
}
```

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 #4D9E9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9E9F
}
```

Border

The CSS property to change the border of an element to Hex 4D9E9F 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
#4D9E9F }
```

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

```
.border{ border-color:#4D9E9F }
```

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

Here you see how a box with a 4 pixel #4D9E9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9E9F; -webkit-box-shadow:4px 4px  
4px 4px #4D9E9F; box-shadow:4px 4px 4px  
4px #4D9E9F }
```

Background

The CSS property to change the background color of an element to Hex 4D9E9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9E9F }
```

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

```
.background{ background-color:#4D9E9F }
```

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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