

Converting Colors

Hex(46979B)

Have a look what the booklet for
Hex(46979B) contains.

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Color

Hex(46979B)

Conversions

Conversions Part 1

Format	Color
Hex	46979B
RGB	70, 151, 155
RGB Percent	27%, 59%, 61%
CMY	0.7255, 0.4078, 0.3922
CMYK	0.55, 0.03, 0.00, 0.39
HSL	183°, 38%, 44%
HSV	183°, 55%, 61%
XYZ	19.5088, 25.8019, 34.9624
YIQ	127.2370, -49.5600, -15.9280

Conversions

Conversions Part 2

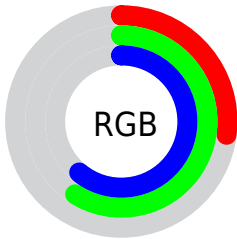
Format	Color
RYB	70, 111, 155
Decimal	4626331
CIELab	57.85, -23.37, -9.63
CIELCh	58, 25.278, 202.392
Yxy	25.8019, 0.2430, 0.3214
Android (android.graphics.Color)	4282816411 (0xFF46979B)
YUV	127.2370, 13.6872, -50.1968
Hunter-Lab	50.7955, -20.3366, -5.2522

Details

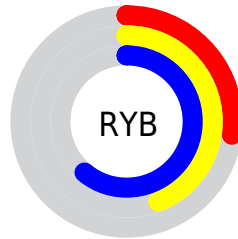
The Hex color **46979B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9B4A46**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **7ECED1**, and **006468** is the 20% darker color. If you saturate the color by 10%, you get **36969B**, and if you desaturate by 10%, it is **56989B**.

Distribution



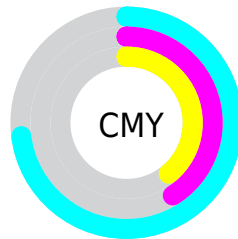
- Red (27%)
- Green (59%)
- Blue (61%)



- Red (27%)
- Yellow (44%)
- Blue (61%)



- Cyan (55%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)



- Cyan (73%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46979B 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 46979B by changing the saturation by 10% instead.


 46979B

 46979B

FFFFFF

 287D81

 7ECED1

 006468

 9AEAEE

 004C50

 B6FFFF

 003439

 D3FFFF

 002023

 F0FFFF

 00010E

 000000

 46979B

 46979B

 36969B

 56989B

■ 27969B

■ 65989B

■ 17959B

■ 75999B

■ 08949B

■ 849A9B

■ 00949B

■ 939B9B

■ A39B9B

■ B39C9B

■ C29D9B

■ D19E9B

Harmonies

Analogous

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



579784



46979B



4B94AD

Triad

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



46979B



A280A6



A0885F

Complementary

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



46979B



9B4A46

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.



B08069



46979B



B37B92

Square

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



46979B



8687B4



B77B7B



898F62

Rectangle

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



46979B



5C91B5



B77B7B



A68561

Sweetspot

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



46979B



A9C8C9



469B49



536566



E6E6E6



666666

Same Dimension

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



46979B



44C3C9



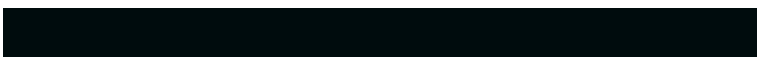
466E9B



454C4D



00868C



000C0D

Inverse Universe

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



9B4697



C944C3



9B7346



4D454C



8C0086



0D000C

Previews

White Background



This preview shows how the Hex color 46979B looks on a white background.

Color Contrast Check

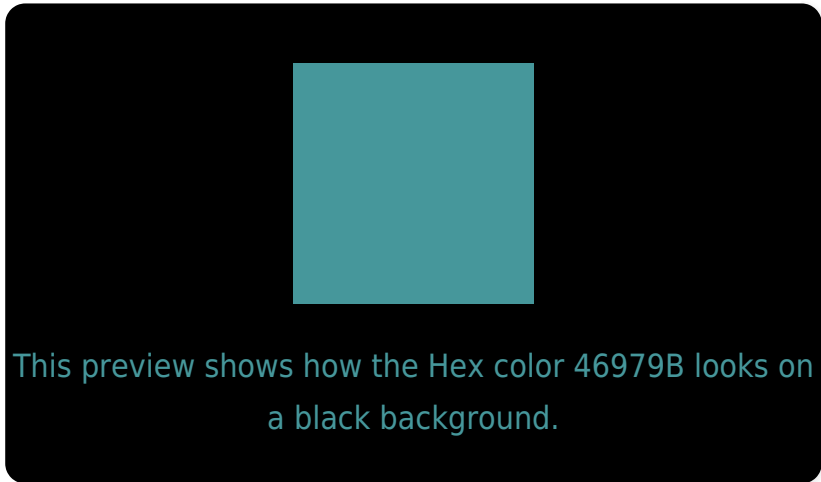
Large Text (above 18pt) WCAG AA ✓ Pass

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

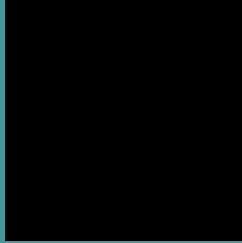
Any Text WCAG AA ✓ Pass

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 46979B Background



This preview shows how black text looks on a background with the Hex color 46979B.

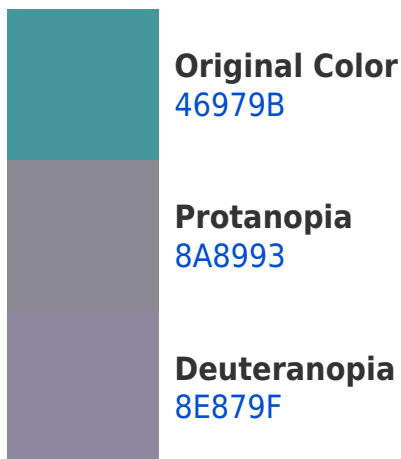


This preview shows how white text looks on a background with the Hex color 46979B.

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](#).

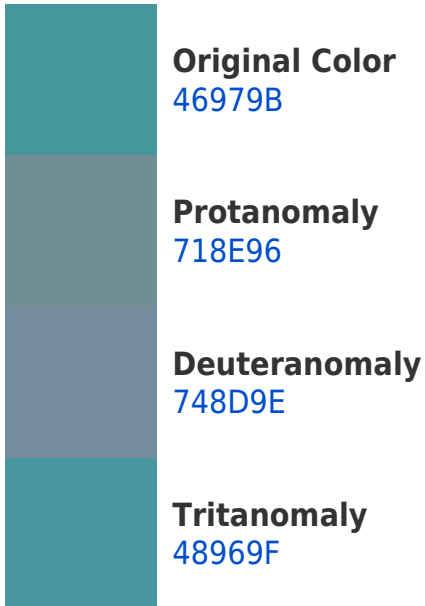
Dichromacy



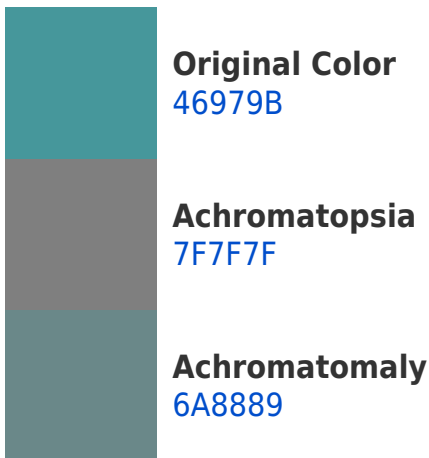


Tritanopia
4996A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46979B 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 #46979B looks like.

```
.text, #text, p{  
    color:#46979B  
}
```

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 #46979B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46979B
}
```

Border

The CSS property to change the border of an element to Hex 46979B 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
#46979B }
```

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

```
.border{ border-color:#46979B }
```

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

Here you see how a box with a 4 pixel #46979B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46979B; -webkit-box-shadow:4px 4px  
4px 4px #46979B; box-shadow:4px 4px 4px  
4px #46979B }
```

Background

The CSS property to change the background color of an element to Hex 46979B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46979B }
```

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

```
.background{ background-color:#46979B }
```

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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