

Converting Colors

Hex(679980)

Have a look what the booklet for
Hex(679980) contains.

Hex(679980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(679980)

Conversions

Conversions Part 1

Format	Color
Hex	679980
RGB	103, 153, 128
RGB Percent	40%, 60%, 50%
CMY	0.5961, 0.4000, 0.4980
CMYK	0.33, 0.00, 0.16, 0.40
HSL	150°, 20%, 50%
HSV	150°, 33%, 60%
XYZ	20.8810, 27.2245, 24.5764
YIQ	135.2000, -21.7750, -18.3750

Conversions

Conversions Part 2

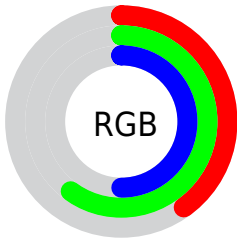
Format	Color
RYB	103, 136, 153
Decimal	6789504
CIELab	59.18, -22.36, 7.85
CIElCh	59, 23.697, 160.652
Yxy	27.2245, 0.2873, 0.3746
Android (android.graphics.Color)	4284979584 (0xFF679980)
YUV	135.2000, -3.5496, -28.2394
Hunter-Lab	52.1771, -19.8752, 8.5973

Details

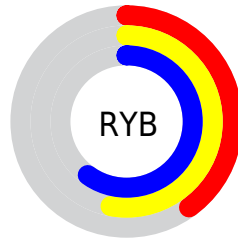
The Hex color **679980** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **996780**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **9CD0B5**, and **35664F** is the 20% darker color. If you saturate the color by 10%, you get **589978**, and if you desaturate by 10%, it is **769988**.

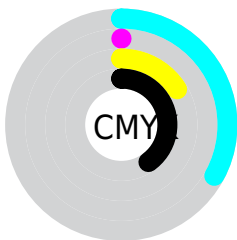
Distribution



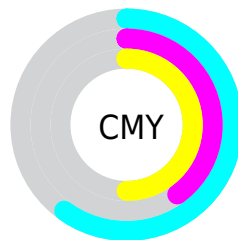
- Red (40%)
- Green (60%)
- Blue (50%)



- Red (40%)
- Yellow (53%)
- Blue (60%)



- Cyan (33%)
- Magenta (0%)
- Yellow (16%)
- Black (40%)



- Cyan (60%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 679980 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 679980 by changing the saturation by 10% instead.

679980

679980

FFFFFF

4E7F67

9CD0B5

35664F

B7ECD0

1D4D38

D3FFED

013623

FFFFFF

00210D

000000

679980

679980

589978

769988

489971

86998F

 399969

 959997

 2A9961

 A4999F

 1B995A

 B499A6

 0B9952

 C399AE

 00994D

 D299B6

 E199BD

 F199C5

Harmonies

Analogous

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



7F956E



679980



549A95

Triad

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



679980



7F8EB7



B68274

Complementary

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



679980



996780

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.



B87F88



679980



9B87AE

Square

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



679980



6294B5



AF819D



A98968

Rectangle

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



679980



4F99A3



AF819D



B8817A

Sweetspot

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



679980



B3C7BD



809967



58635D



E3E3E3



636363

Same Dimension

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



679980



79C7A0



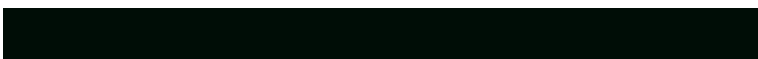
679999



454D49



008C46



000D06

Inverse Universe

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



996780



C779A0



996767



4D4549



8C0046



0D0006

Previews

White Background



This preview shows how the Hex color 679980 looks on a white background.

Color Contrast Check

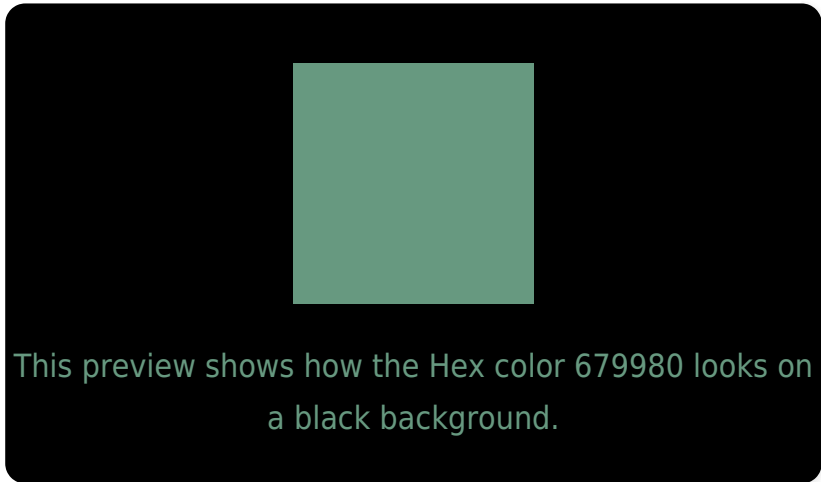
Large Text (above 18pt) WCAG AA ✓ Pass

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

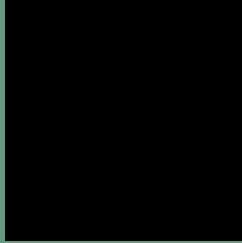
Any Text WCAG AA ✓ Pass

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 679980 Background



This preview shows how black text looks on a background with the Hex color 679980.

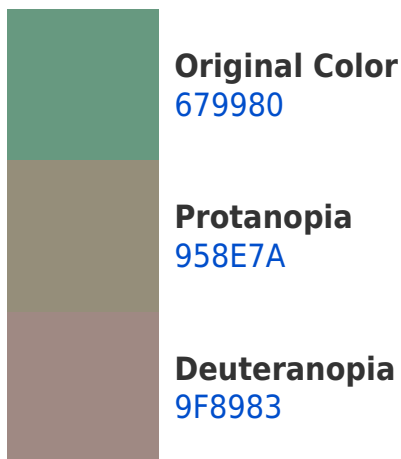


This preview shows how white text looks on a background with the Hex color 679980.

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](#).

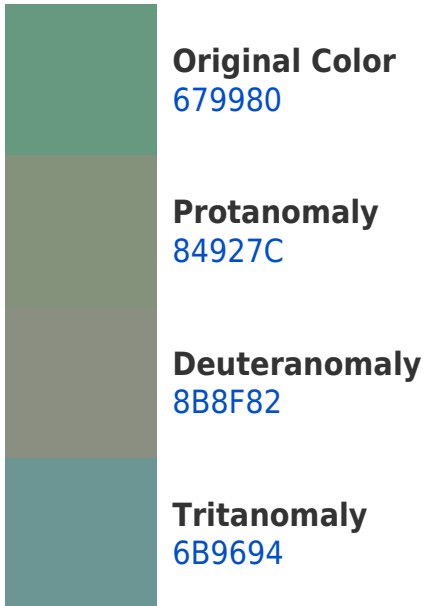
Dichromacy



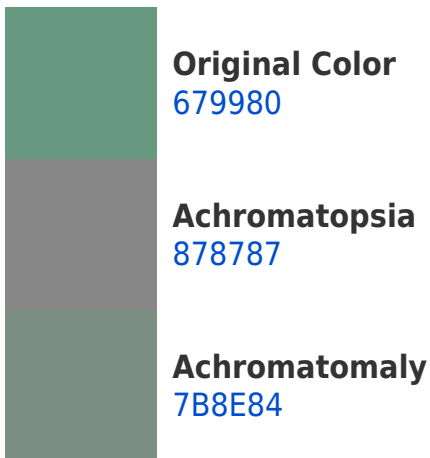


Tritanopia
6E94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 679980 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 #679980 looks like.

```
.text, #text, p{  
    color:#679980  
}
```

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 #679980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #679980
}
```

Border

The CSS property to change the border of an element to Hex 679980 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
#679980 }
```

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

```
.border{ border-color:#679980 }
```

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

Here you see how a box with a 4 pixel #679980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #679980; -webkit-box-shadow:4px 4px  
4px 4px #679980; box-shadow:4px 4px 4px  
4px #679980 }
```

Background

The CSS property to change the background color of an element to Hex 679980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#679980 }
```

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

```
.background{ background-color:#679980 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor