

# Converting Colors

Hex(629F80)

Have a look what the booklet for  
Hex(629F80) contains.

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# Color

**Hex(629F80)**

# Conversions

## Conversions Part 1

Format	Color
Hex	629F80
RGB	98, 159, 128
RGB Percent	38%, 62%, 50%
CMY	0.6157, 0.3765, 0.4980
CMYK	0.38, 0.00, 0.19, 0.38
HSL	150°, 24%, 50%
HSV	150°, 38%, 62%
XYZ	21.3314, 28.9515, 24.8860
YIQ	137.2270, -26.4050, -22.5730

# Conversions

## Conversions Part 2

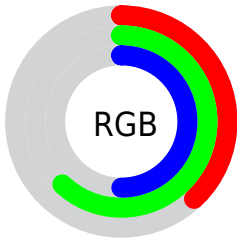
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 139, 159
Decimal	6463360
CIELab	60.74, -26.92, 10.03
CIELCh	61, 28.724, 159.570
Yxy	28.9515, 0.2838, 0.3852
Android (android.graphics.Color)	4284653440 (0xFF629F80)
YUV	137.2270, -4.5489, -34.4021
Hunter-Lab	53.8066, -23.3958, 10.2425

# Details

The Hex color **629F80** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9F6281**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **97D6B5**, and **2F6B4F** is the 20% darker color. If you saturate the color by 10%, you get **529F78**, and if you desaturate by 10%, it is **729F88**.

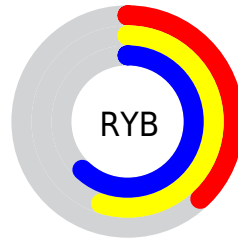
# Distribution



Red (38%)

Green (62%)

Blue (50%)



Red (38%)

Yellow (55%)

Blue (62%)

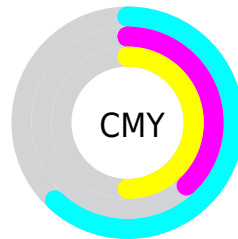


Cyan (38%)

Magenta (0%)

Yellow (19%)

Black (38%)



Cyan (62%)

Magenta (38%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 629F80 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 629F80 by changing the saturation by 10% instead.



 629F80

 629F80

FFFFFF

 488567

 97D6B5

 2F6B4F

 B2F3D0

 135338

 CEFFED

 003B22

 EBFFFF

 00250D

 000500

 000000

 629F80

 629F80

 529F78

 729F88

 429F70

 829F90

 329F68

 929F98

 229F60

 A29FA0

 129F58

 B29FA8

 039F50

 C19FB0

 009F4E

 D19FB9

 E19FC1

 F19FC9

# Harmonies

## Analogous

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



809B6B



629F80



46A09A

# Triad

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



629F80



7D92C4



C28373

# Complementary

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



629F80



9F6281

# 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.



C57F8B



629F80



A089BA

# Square

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



629F80



569AC1



B982A5



B38B64

# Rectangle

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



629F80



3DA0AB



B982A5



C4817B



# Sweetspot

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



629F80



B6CFC2



829F62



5A6961



E8E8E8



696969



# Same Dimension

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



629F80



70CF9E



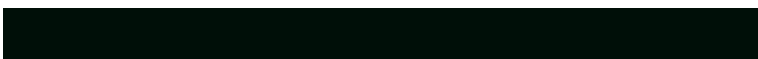
629F9E



474F4B



008F46



000F08



# Inverse Universe

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



9F6281



CF70A0



9F6263



4F474B



8F0049



0F0008



# Previews

## White Background



This preview shows how the Hex color 629F80 looks on a white background.

## Color Contrast Check

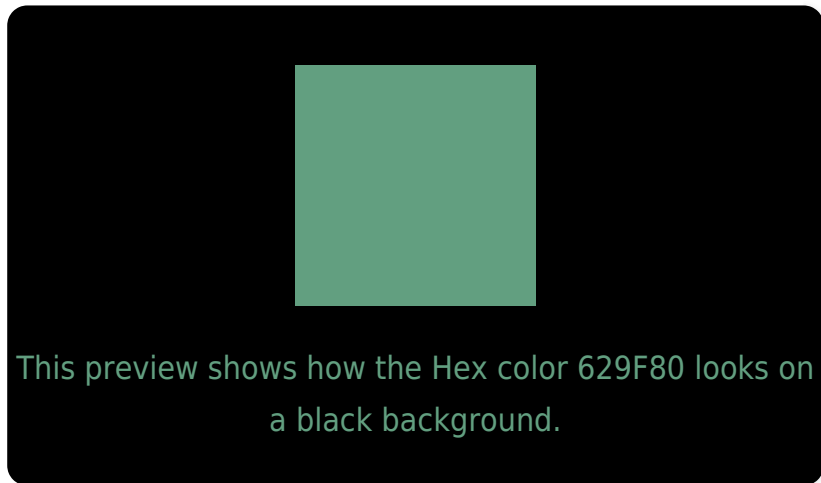
Large Text (above 18pt) WCAG AA ✓ Pass

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

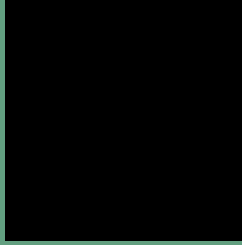
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 629F80 Background



This preview shows how black text looks on a background with the Hex color 629F80.

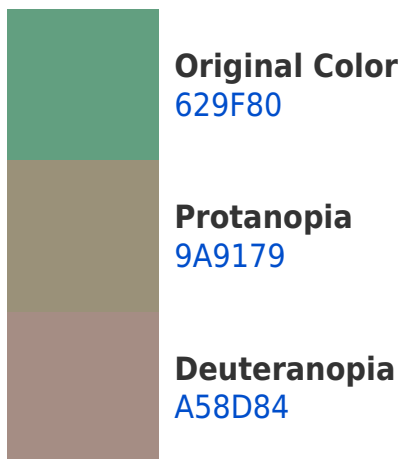



This preview shows how white text looks on a background with the Hex color 629F80.

# 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



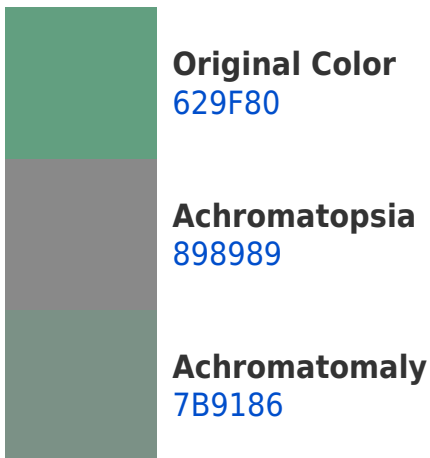


**Tritanopia**  
6B9AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 629F80 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 #629F80 looks like.

```
.text, #text, p{  
    color:#629F80  
}
```

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 #629F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #629F80
}
```

## Border

The CSS property to change the border of an element to Hex 629F80 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
#629F80 }
```

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

```
.border{ border-color:#629F80 }
```

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

Here you see how a box with a 4 pixel #629F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #629F80; -webkit-box-shadow:4px 4px  
4px 4px #629F80; box-shadow:4px 4px 4px  
4px #629F80 }
```

# Background

The CSS property to change the background color of an element to Hex 629F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#629F80 }
```

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

```
.background{ background-color:#629F80 }
```

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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