

# Converting Colors

Hex(629F83)

Have a look what the booklet for  
Hex(629F83) contains.

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**Color**

**Hex(629F83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	629F83
RGB	98, 159, 131
RGB Percent	38%, 62%, 51%
CMY	0.6157, 0.3765, 0.4863
CMYK	0.38, 0.00, 0.18, 0.38
HSL	152°, 24%, 50%
HSV	152°, 38%, 62%
XYZ	21.5319, 29.0316, 25.9415
YIQ	137.5690, -27.3680, -21.6400

# Conversions

## Conversions Part 2

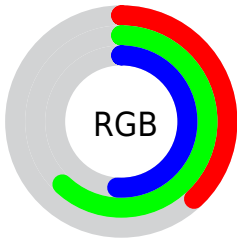
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 138, 159
Decimal	6463363
CIE <sub>Lab</sub>	60.81, -26.27, 8.44
CIE <sub>LCh</sub>	61, 27.597, 162.184
Yxy	29.0316, 0.2814, 0.3795
Android (android.graphics.Color)	4284653443 (0xFF629F83)
YUV	137.5690, -3.2385, -34.7020
Hunter-Lab	53.8810, -22.9598, 9.1710

# Details

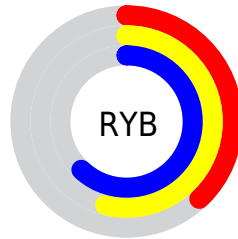
The Hex color **629F83** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9F627E**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **97D6B8**, and **2F6B52** is the 20% darker color. If you saturate the color by 10%, you get **529F7C**, and if you desaturate by 10%, it is **729F8A**.

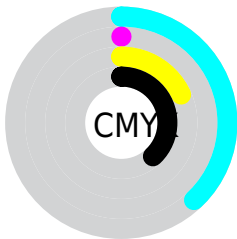
# Distribution



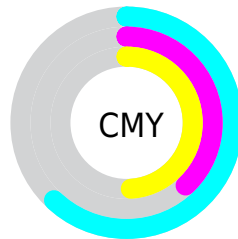
- Red (38%)
- Green (62%)
- Blue (51%)



- Red (38%)
- Yellow (54%)
- Blue (62%)



- Cyan (38%)
- Magenta (0%)
- Yellow (18%)
- Black (38%)



- Cyan (62%)
- Magenta (38%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 629F83 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 629F83 by changing the saturation by 10% instead.



 629F83

 629F83

FFFFFF

 48856A

 97D6B8

 2F6B52

 B2F3D4

 13533B

 CFFFF0

 003B25

 EBBBBF

 002510

 000600

 000000

 629F83

 629F83

 529F7C

 729F8A

 429F74

 829F92

 329F6D

 929F99

 229F66

 A29FA0

 129F5F

 B29FA7

 039F57

 C19FAF

 009F56

 D19FB6

 E19FBD

 F19FC5

# Harmonies

## Analogous

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



7F9B6E



629F83



49A09C

# Triad

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



629F83



8192C2



BF8573

# Complementary

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



629F83



9F627E

# 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.



C3818A



629F83



A389B7

# Square

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



629F83



5D99C0



BA82A2



B18C65

# Rectangle

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



629F83



439FAC



BA82A2



C2837A



# Sweetspot

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



629F83



B6CFC3



7E9F62



5A6962



E8E8E8



696969



# Same Dimension

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



629F83



70CFA3



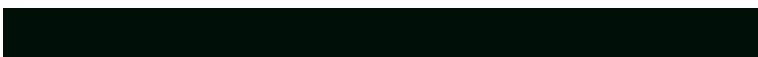
629D9F



474F4B



008F4D



000F08



# Inverse Universe

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



9F627E



CF709B



9F6462



4F474B



8F0042



0F0007



# Previews

## White Background



This preview shows how the Hex color 629F83 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

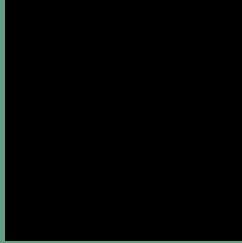
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 629F83 Background



This preview shows how black text looks on a background with the Hex color 629F83.

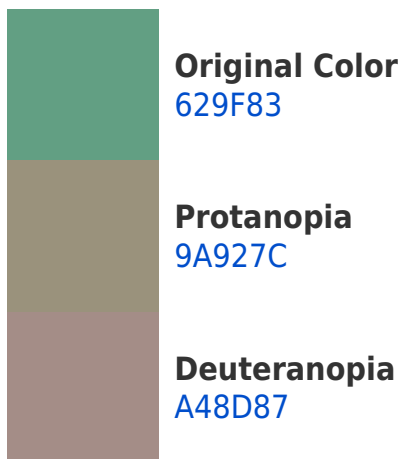



This preview shows how white text looks on a background with the Hex color 629F83.

# 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**  
6A9AA6

# Trichromacy



**Original Color**  
629F83

**Protanomaly**  
86977F

**Deuteranomaly**  
8C9486

**Tritanomaly**  
679C99

# Monochromacy



**Original Color**  
629F83

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
7B9287

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 629F83 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 #629F83 looks like.

```
.text, #text, p{  
    color:#629F83  
}
```

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 #629F83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #629F83
}
```

## Border

The CSS property to change the border of an element to Hex 629F83 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
#629F83 }
```

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

```
.border{ border-color:#629F83 }
```

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

Here you see how a box with a 4 pixel #629F83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #629F83; -webkit-box-shadow:4px 4px  
4px 4px #629F83; box-shadow:4px 4px 4px  
4px #629F83 }
```

# Background

The CSS property to change the background color of an element to Hex 629F83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#629F83 }
```

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

```
.background{ background-color:#629F83 }
```

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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