

Converting Colors

Hex(63829F)

Have a look what the booklet for
Hex(63829F) contains.

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Color

Hex(63829F)

Conversions

Conversions Part 1

Format	Color
Hex	63829F
RGB	99, 130, 159
RGB Percent	39%, 51%, 62%
CMY	0.6118, 0.4902, 0.3765
CMYK	0.38, 0.18, 0.00, 0.38
HSL	209°, 24%, 51%
HSV	209°, 38%, 62%
XYZ	19.3862, 21.1211, 35.8559
YIQ	124.0370, -27.7850, 2.4470

Conversions

Conversions Part 2

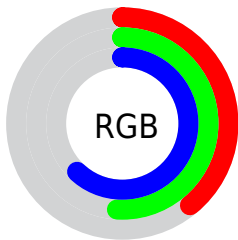
Format	Color
R_{YB}	99, 119, 159
Decimal	6521503
CIE _{Lab}	53.08, -3.45, -19.01
CIE _{LCh}	53, 19.315, 259.725
Yxy	21.1211, 0.2539, 0.2766
Android (android.graphics.Color)	4284711583 (0xFF63829F)
YUV	124.0370, 17.2368, -21.9574
Hunter-Lab	45.9577, -5.1298, -14.0873

Details

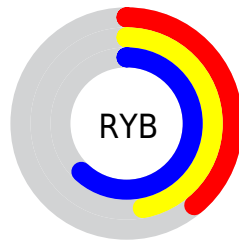
The Hex color **63829F** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9F8063**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **98B7D6**, and **31516B** is the 20% darker color. If you saturate the color by 10%, you get **537A9F**, and if you desaturate by 10%, it is **738A9F**.

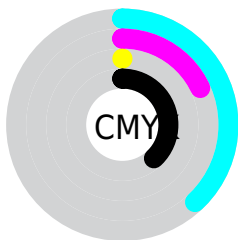
Distribution



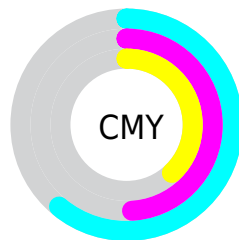
- Red (39%)
- Green (51%)
- Blue (62%)



- Red (39%)
- Yellow (47%)
- Blue (62%)



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



- Cyan (61%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63829F 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 63829F by changing the saturation by 10% instead.



63829F



63829F

FFFFFF



4A6985



98B7D6



31516B



B3D2F2



163A53



CFEFFF



00253C



ECFFFF



000F26



000110



000000



63829F



63829F



537A9F



738A9F

43739F

83919F

336B9F

93999F

23639F

A3A19F

145C9F

B3A89F

04549F

C2B09F

00529F

D2B89F

E2BF9F

F2C79F

Harmonies

Analogous

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



528697



63829F



7A7C9E

Triad

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



63829F



A17374



6D8569

Complementary

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



63829F



9F8063

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.



80815F



63829F



9C7666

Square

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



63829F



9C7385



907C5E



5B8878

Rectangle

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



63829F



887998



907C5E



738465

Sweetspot

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



63829F



B8C4CF



639F80



5B6269



E8E8E8



696969

Same Dimension

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



63829F



72A2CF



63649F



474B4F



004A8F



00080F

Inverse Universe

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



9F6382



CF72A2



9F9E63



4F474B



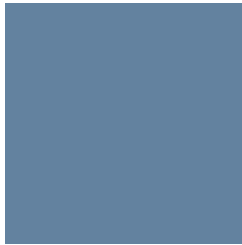
8F004A



0F0008

Previews

White Background



This preview shows how the Hex color 63829F looks on a white background.

Color Contrast Check

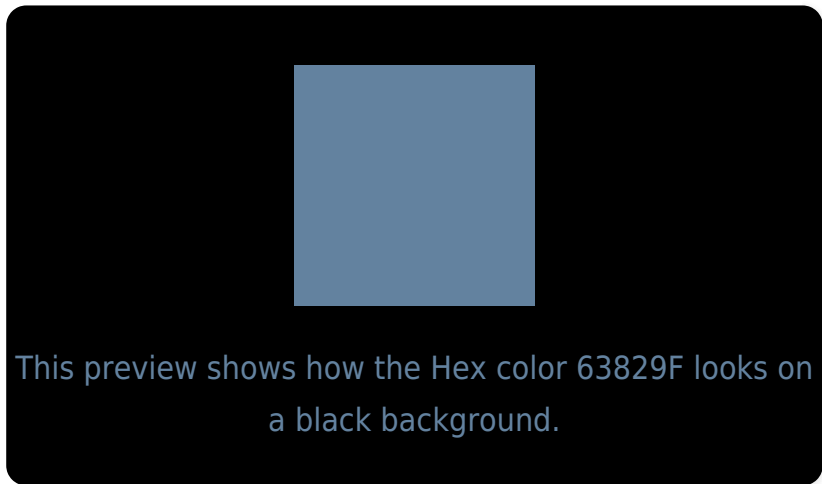
Large Text (above 18pt) WCAG AA ✓ Pass

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

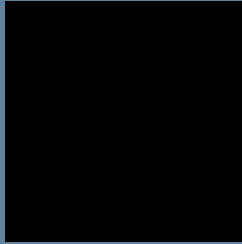
Any Text WCAG AA ✓ Pass

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 63829F Background



This preview shows how black text looks on a background with the Hex color 63829F.



This preview shows how white text looks on a background with the Hex color 63829F.

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
63829F

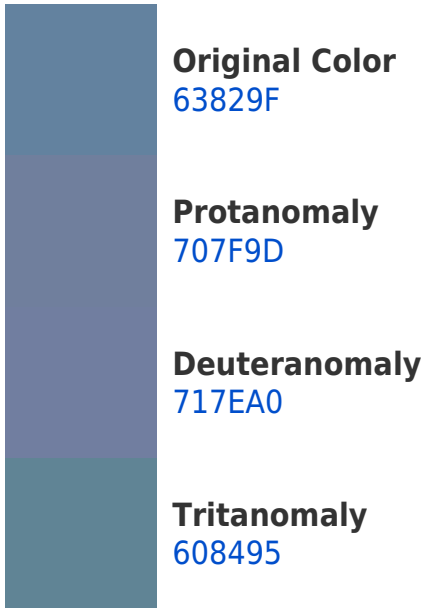
Protanopia
777D9C

Deuteranopia
797CA0



Tritanopia
5F858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63829F 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 #63829F looks like.

```
.text, #text, p{  
    color:#63829F  
}
```

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 #63829F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63829F
}
```

Border

The CSS property to change the border of an element to Hex 63829F 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
#63829F }
```

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

```
.border{ border-color:#63829F }
```

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

Here you see how a box with a 4 pixel #63829F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63829F; -webkit-box-shadow:4px 4px  
4px 4px #63829F; box-shadow:4px 4px 4px  
4px #63829F }
```

Background

The CSS property to change the background color of an element to Hex 63829F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63829F }
```

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

```
.background{ background-color:#63829F }
```

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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