

# Converting Colors

Hex(62679F)

Have a look what the booklet for  
Hex(62679F) contains.

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# Color

**Hex(62679F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62679F
RGB	98, 103, 159
RGB Percent	38%, 40%, 62%
CMY	0.6157, 0.5961, 0.3765
CMYK	0.38, 0.35, 0.00, 0.38
HSL	235°, 24%, 50%
HSV	235°, 38%, 62%
XYZ	16.1453, 14.8004, 34.8067
YIQ	107.8890, -20.9560, 16.3560

# Conversions

## Conversions Part 2

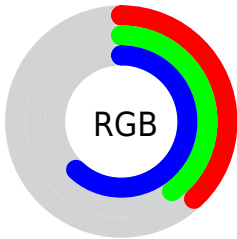
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 103, 159
Decimal	6449055
CIE <sub>Lab</sub>	45.36, 12.43, -30.96
CIE <sub>LCh</sub>	45, 33.361, 291.874
Yxy	14.8004, 0.2455, 0.2251
Android (android.graphics.Color)	4284639135 (0xFF62679F)
YUV	107.8890, 25.1977, -8.6727
Hunter-Lab	38.4712, 7.5866, -26.7125

# Details

The Hex color **62679F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9F9A62**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **979AD6**, and **2F386B** is the 20% darker color. If you saturate the color by 10%, you get **52589F**, and if you desaturate by 10%, it is **72769F**.

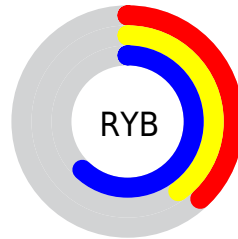
# Distribution



Red (38%)

Green (40%)

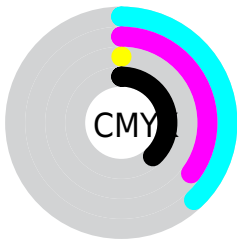
Blue (62%)



Red (38%)

Yellow (40%)

Blue (62%)

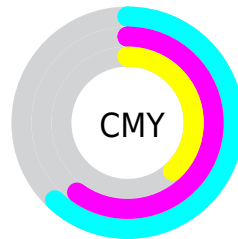


Cyan (38%)

Magenta (35%)

Yellow (0%)

Black (38%)



Cyan (62%)

Magenta (60%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62679F 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 62679F by changing the saturation by 10% instead.



■ 62679F

■ 62679F

FFFFFF

■ 484F85

■ 979AD6

■ 2F386B

■ B2B5F2

■ 142353

■ CED0FF

■ 000E3B

■ EBECFF

■ 000225

■ 00010E

■ 000000

■ 62679F

■ 62679F

■ 52589F

■ 72769F

■ 424A9F

■ 82849F

■ 323B9F

■ 92939F

■ 222D9F

■ A2A19F

■ 121E9F

■ B2B09F

■ 030F9F

■ C1BF9F

■ 000D9F

■ D1CD9F

■ E1DC9F

■ F1EA9F

# Harmonies

## Analogous

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



2A71A2



62679F



875C8E

# Triad

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



62679F



975D40



167963

# Complementary

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



62679F



9F9A62

# 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.



477648



62679F



836733

# Square

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



62679F



A05658



687036



007A7F

# Rectangle

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



62679F



96577D



687036



2B7959



# Sweetspot

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



62679F



B6B8CF



629F9A



5A5B69



E8E8E8



696969



# Same Dimension

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



62679F



7077CF



7B629F



47484F



000C8F



00010F



# Inverse Universe

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



9F6267



CF7077



869F62



4F4748



8F000C

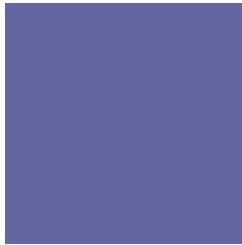


0F0001



# Previews

## White Background



This preview shows how the Hex color 62679F looks on a white background.

## Color Contrast Check

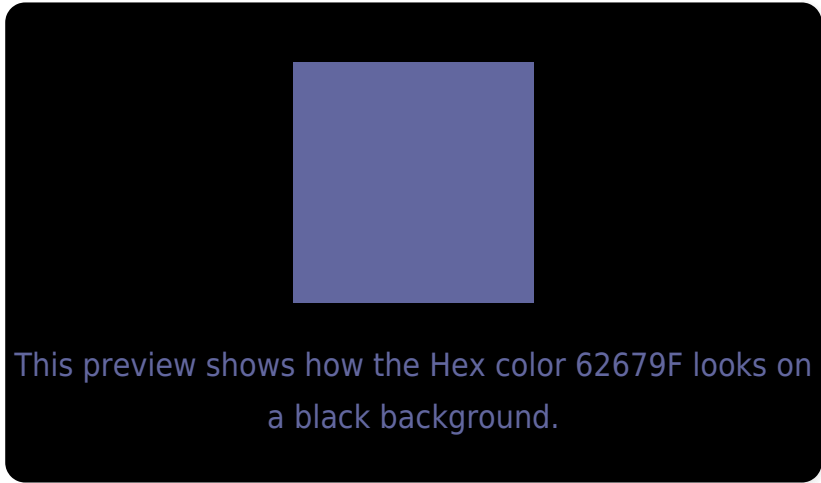
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

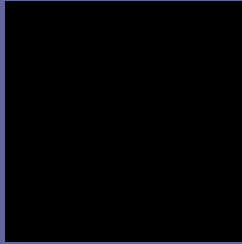
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 62679F Background



This preview shows how black text looks on a background with the Hex color 62679F.

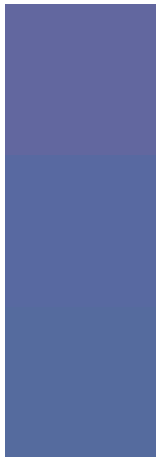


This preview shows how white text looks on a background with the Hex color 62679F.

# 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**  
62679F

**Protanopia**  
5869A1

**Deuteranopia**  
556B9E



**Tritanopia**  
596F78

# Trichromacy



**Original Color**  
62679F

**Protanomaly**  
5C68A0

**Deuteranomaly**  
5A6A9E

**Tritanomaly**  
5C6C86

# Monochromacy



**Original Color**  
62679F

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
686A7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62679F 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 #62679F looks like.

```
.text, #text, p{  
    color:#62679F  
}
```

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 #62679F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62679F
}
```

## Border

The CSS property to change the border of an element to Hex 62679F is called "border". The border property can be set on classes, ids or directly on the HTML element.

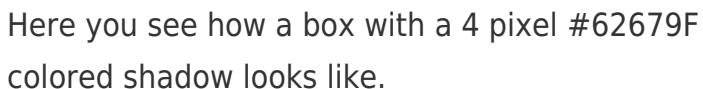
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62679F }
```

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

```
.border{ border-color:#62679F }
```

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



Here you see how a box with a 4 pixel #62679F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62679F; -webkit-box-shadow:4px 4px  
4px 4px #62679F; box-shadow:4px 4px 4px  
4px #62679F }
```

# Background

The CSS property to change the background color of an element to Hex 62679F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62679F }
```

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

```
.background{ background-color:#62679F }
```

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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