

# Converting Colors

Hex(61319F)

Have a look what the booklet for  
Hex(61319F) contains.

<b>Hex(61319F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(61319F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61319F
RGB	97, 49, 159
RGB Percent	38%, 19%, 62%
CMY	0.6196, 0.8078, 0.3765
CMYK	0.39, 0.69, 0.00, 0.38
HSL	266°, 53%, 41%
HSV	266°, 69%, 62%
XYZ	12.2861, 7.2412, 33.5510
YIQ	75.8920, -6.7020, 44.3860

# Conversions

## Conversions Part 2

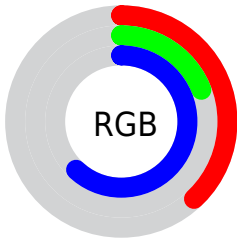
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 49, 159
Decimal	6369695
CIE <sub>Lab</sub>	32.35, 44.41, -51.72
CIE <sub>LCh</sub>	32, 68.171, 310.646
Y <sub>xy</sub>	7.2412, 0.2315, 0.1364
Android (android.graphics.Color)	4284559775 (0xFF61319F)
YUV	75.8920, 40.9722, 18.5117
Hunter-Lab	26.9095, 34.4062, -55.0867

# Details

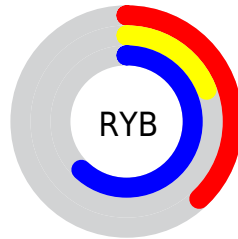
The Hex color **61319F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6F9F31**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9863D7**, and **29006A** is the 20% darker color. If you saturate the color by 10%, you get **58219F**, and if you desaturate by 10%, it is **6A419F**.

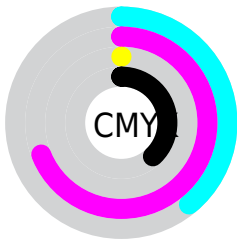
# Distribution



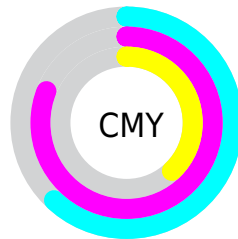
- Red (38%)
- Green (19%)
- Blue (62%)



- Red (38%)
- Yellow (19%)
- Blue (62%)



- Cyan (39%)
- Magenta (69%)
- Yellow (0%)
- Black (38%)



- Cyan (62%)
- Magenta (81%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61319F 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 61319F by changing the saturation by 10% instead.



61319F

61319F

FFFFFF

461884

9863D7

29006A

B47DF3

0A0052

D197FF

00003A

EEB2FF

000223

FFCEFF

00000A

FFEBFF

000000

61319F

61319F

58219F

6A419F

■ 4F119F

■ 73519F

■ 46019F

■ 7C619F

■ 45009F

■ 85719F

■ 8E819F

■ 97909F

■ A0A09F

■ A9B09F

■ B2C09F

# Harmonies

## Analogous

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



004EB8



61319F



970071

# Triad

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



61319F



793C00



00615F

# Complementary

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



61319F



6F9F31

# 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.



005F25



61319F



4D5000

# Square

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



61319F



991304



005B00



006192

# Rectangle

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



61319F



A4004E



005B00



00614C



# Sweetspot

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



61319F



B6A3CF



316F9F



5A4E69



E8E8E8



696969



# Same Dimension

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



61319F



6E23CF



98319F



4B474F



3E008F



07000F



# Inverse Universe

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



9F316F



CF2384



389F31



4F474C



8F0050

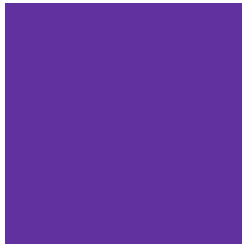


0F0009



# Previews

## White Background



This preview shows how the Hex color 61319F looks on a white background.

## Color Contrast Check

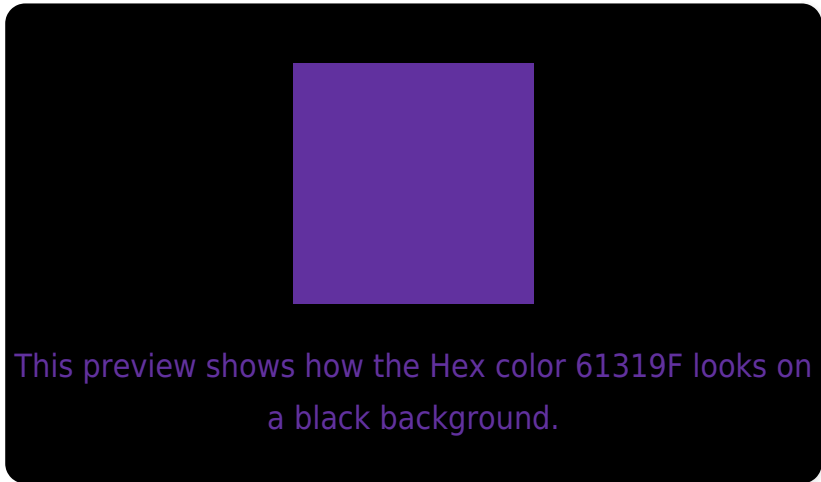
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

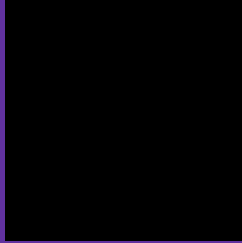
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 61319F Background



This preview shows how black text looks on a background with the Hex color 61319F.

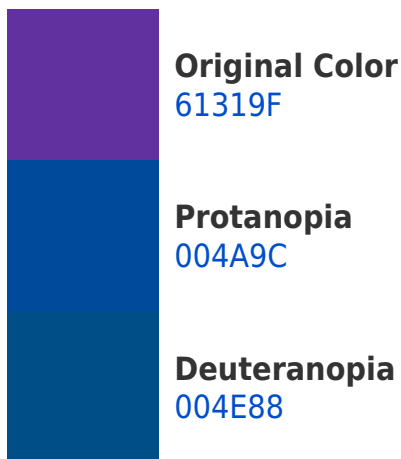


This preview shows how white text looks on a background with the Hex color 61319F.

# 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](#).

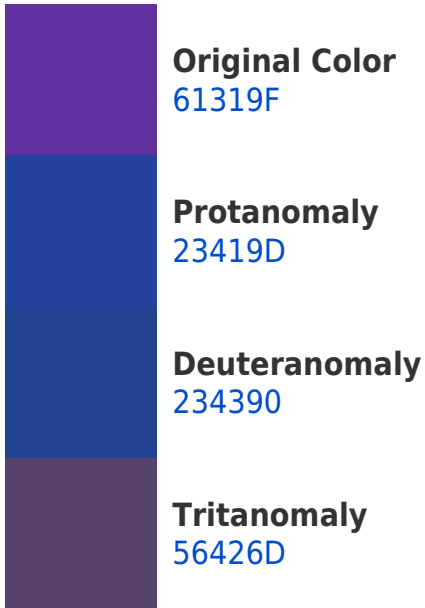
## Dichromacy



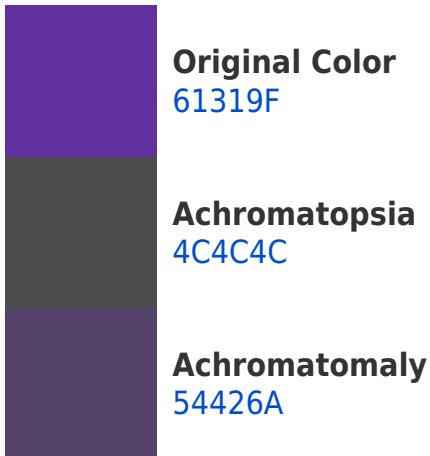


**Tritanopia**  
504B51

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61319F 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 #61319F looks like.

```
.text, #text, p{  
    color:#61319F  
}
```

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 #61319F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61319F
}
```

## Border

The CSS property to change the border of an element to Hex 61319F is called "border". The border property can be set on classes, ids or directly on the HTML element.

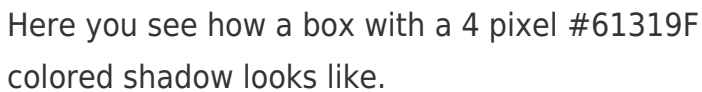
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61319F }
```

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

```
.border{ border-color:#61319F }
```

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



Here you see how a box with a 4 pixel #61319F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61319F; -webkit-box-shadow:4px 4px  
4px 4px #61319F; box-shadow:4px 4px 4px  
4px #61319F }
```

# Background

The CSS property to change the background color of an element to Hex 61319F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61319F }
```

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

```
.background{ background-color:#61319F }
```

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