

# Converting Colors

Hex(63F29F)

Have a look what the booklet for  
Hex(63F29F) contains.

<b>Hex(63F29F)</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(63F29F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63F29F
RGB	99, 242, 159
RGB Percent	39%, 95%, 62%
CMY	0.6118, 0.0510, 0.3765
CMYK	0.59, 0.00, 0.34, 0.05
HSL	145°, 85%, 67%
HSV	145°, 59%, 95%
XYZ	43.1557, 68.6601, 43.7791
YIQ	189.7810, -58.5850, -56.1290

# Conversions

## Conversions Part 2

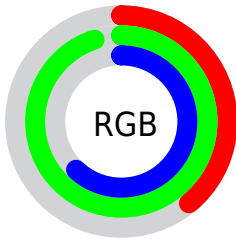
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 200, 242
Decimal	6550175
CIE <sub>Lab</sub>	86.34, -56.80, 28.82
CIE <sub>LCh</sub>	86, 63.697, 153.094
Yxy	68.6601, 0.2774, 0.4413
Android (android.graphics.Color)	4284740255 (0xFF63F29F)
YUV	189.7810, -15.1750, -79.6149
Hunter-Lab	82.8614, -52.0414, 26.6776

# Details

The Hex color **63F29F** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F263B6**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **A0FFD6**, and **0FB96B** is the 20% darker color. If you saturate the color by 10%, you get **4BF291**, and if you desaturate by 10%, it is **7BF2AD**.

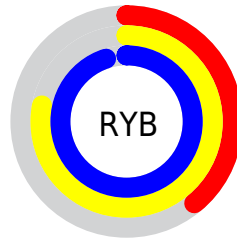
# Distribution



Red (39%)

Green (95%)

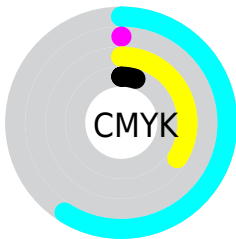
Blue (62%)



Red (39%)

Yellow (78%)

Blue (95%)

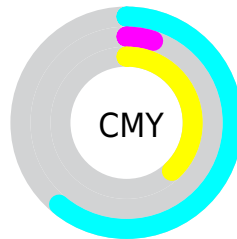


Cyan (59%)

Magenta (0%)

Yellow (34%)

Black (5%)



Cyan (61%)

Magenta (5%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63F29F 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 63F29F by changing the saturation by 10% instead.



 63F29F

 63F29F

FFFFFF

 41D585

 A0FFD6

 0FB96B

 BFFFF3

 009D52

 DDFFFF

 00823A

 FBFFFF

 006823

 004E0B

 003600

 001E00

 000000

 63F29F

 63F29F

 4BF291

 7BF2AD

 33F283

 93F2BB

 1AF275

 ACF2C9

 02F267

 C4F2D7

 00F266

 DCF2E5

 F4F2F3

 FFF2FF

# Harmonies

## Analogous

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



B7E86E



63F29F



00F6DD

# Triad

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



63F29F



73DCFF



FFAC99

# Complementary

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



63F29F



F263B6

# 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.



FFA4D4



63F29F



E4C6FF

# Square

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



63F29F



00EDFF



FFAFFF



FFC16C

# Rectangle

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



63F29F



00F6FF



FFAFFF



FFA7AC

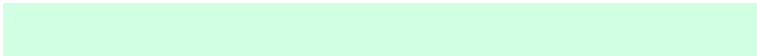


# Sweetspot

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



63F29F



D1FFE4



B6F263



63806F



000000



808080



# Same Dimension

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



63F29F



4AFF96



63F2E6



6C7871



00B84D



003818



# Inverse Universe

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



F263B6



FF4AB3



F2636F



786C73



B8006B

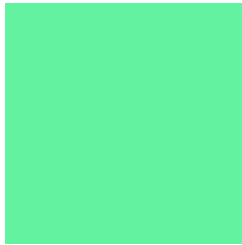


380021



# Previews

## White Background



This preview shows how the Hex color 63F29F looks on a white 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

# Black Background



This preview shows how the Hex color 63F29F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

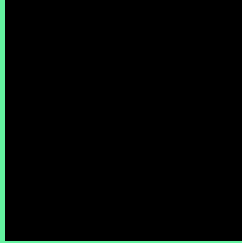
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 63F29F Background



This preview shows how black text looks on a background with the Hex color 63F29F.

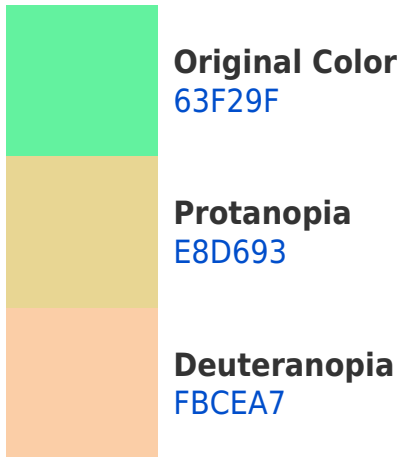


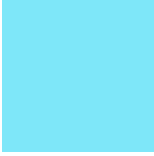
This preview shows how white text looks on a background with the Hex color 63F29F.

# 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**  
7EE7F9

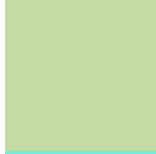
# Trichromacy



**Original Color**  
63F29F



**Protanomaly**  
B8E097



**Deuteranomaly**  
C4DBA4

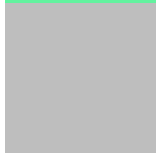


**Tritanomaly**  
74EBD8

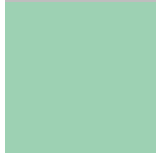
# Monochromacy



**Original Color**  
63F29F



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
9DD1B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63F29F 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 #63F29F looks like.

```
.text, #text, p{  
    color:#63F29F  
}
```

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 #63F29F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63F29F
}
```

## Border

The CSS property to change the border of an element to Hex 63F29F 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
#63F29F }
```

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

```
.border{ border-color:#63F29F }
```

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

Here you see how a box with a 4 pixel #63F29F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63F29F; -webkit-box-shadow:4px 4px  
4px 4px #63F29F; box-shadow:4px 4px 4px  
4px #63F29F }
```

# Background

The CSS property to change the background color of an element to Hex 63F29F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63F29F }
```

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

```
.background{ background-color:#63F29F }
```

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