

Converting Colors

Hex(63EF9B)

Have a look what the booklet for
Hex(63EF9B) contains.

Hex(63EF9B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(63EF9B)

Conversions

Conversions Part 1

Format	Color
Hex	63EF9B
RGB	99, 239, 155
RGB Percent	39%, 94%, 61%
CMY	0.6118, 0.0627, 0.3922
CMYK	0.59, 0.00, 0.35, 0.06
HSL	144°, 81%, 66%
HSV	144°, 59%, 94%
XYZ	41.9285, 66.7522, 41.6850
YIQ	187.5640, -56.4760, -55.8040

Conversions

Conversions Part 2

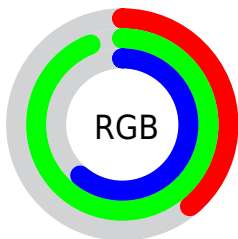
Format	Color
RYB	99, 199, 239
Decimal	6549403
CIELab	85.38, -56.36, 29.57
CIELCh	85, 63.641, 152.316
Yxy	66.7522, 0.2788, 0.4439
Android (android.graphics.Color)	4284739483 (0xFF63EF9B)
YUV	187.5640, -16.0541, -77.6706
Hunter-Lab	81.7020, -51.3745, 26.9412

Details

The Hex color **63EF9B** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **EF63B7**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A0FFD2**, and **12B667** is the 20% darker color. If you saturate the color by 10%, you get **4BEF8D**, and if you desaturate by 10%, it is **7BEFA9**.

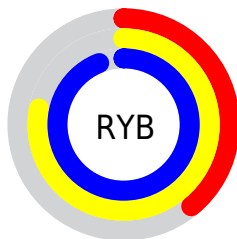
Distribution



Red (39%)

Green (94%)

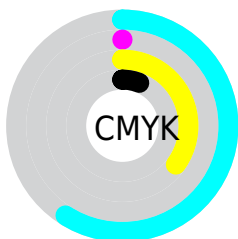
Blue (61%)



Red (39%)

Yellow (78%)

Blue (94%)

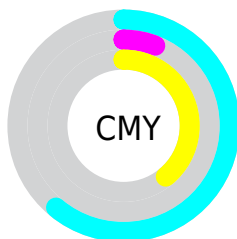


Cyan (59%)

Magenta (0%)

Yellow (35%)

Black (6%)



Cyan (61%)

Magenta (6%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63EF9B 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 63EF9B by changing the saturation by 10% instead.

 63EF9B

 63EF9B


FFFFFF

 42D281

 A0FFD2

 12B667

 BEFFEE

 009A4E

 DCFFFF

 007F36

 FBFFFF

 00651F

 004C07

 003400

 001B00

 000000

 63EF9B

 63EF9B

 4BEF8D

 7BEFA9

 33EF7E

 93EFB8

 1BEF70

 ABEFC6

 03EF62

 C3EFD4

 00EF60

 DAEFE3

 F2EFF1

 FFEFFF

Harmonies

Analogous

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



B6E56B



63EF9B



00F3D8

Triad

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



63EF9B



6BDAFF



FFA998

Complementary

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



63EF9B



EF63B7

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.



FFA1D3



63EF9B



DFC4FF

Square

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



63EF9B



00EAFF



FFADFF



FFBE6B

Rectangle

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



63EF9B



00F3FF



FFADFF



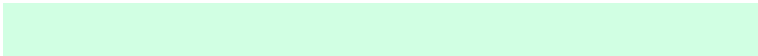
FFA4AB

Sweetspot

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



63EF9B



D1FFE3



B7EF63



63806F



000000



808080

Same Dimension

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



63EF9B



4DFF94



63EFE1



6C7871



00B849



003816

Inverse Universe

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



EF63B7



FF4DB8



EF6371



786C73



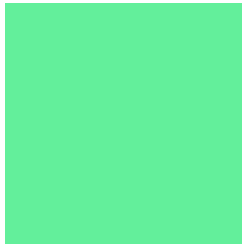
B8006E



380022

Previews

White Background



This preview shows how the Hex color 63EF9B 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 63EF9B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

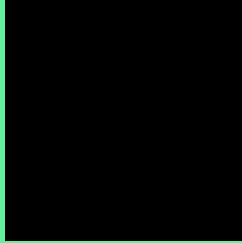
Any Text WCAG AA ✓ Pass

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 63EF9B Background



This preview shows how black text looks on a background with the Hex color 63EF9B.

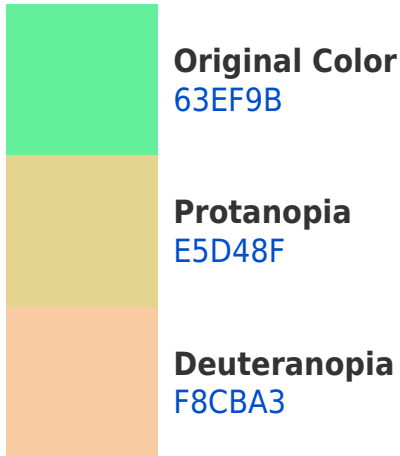


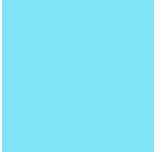
This preview shows how white text looks on a background with the Hex color 63EF9B.

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



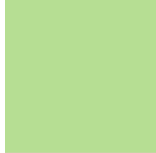


Tritanopia
7EE4F6

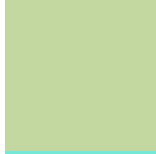
Trichromacy



Original Color
63EF9B



Protanomaly
B6DE93



Deuteranomaly
C2D8A0

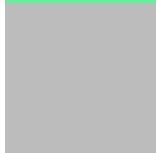


Tritanomaly
74E8D5

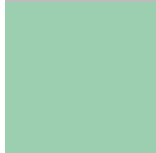
Monochromacy



Original Color
63EF9B



Achromatopsia
BCBCBC



Achromatomaly
9CCFB0

CSS Examples

Text

The CSS property to change the color of the text to Hex 63EF9B 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 #63EF9B looks like.

```
.text, #text, p{  
    color:#63EF9B  
}
```

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 #63EF9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63EF9B
}
```

Border

The CSS property to change the border of an element to Hex 63EF9B 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
#63EF9B }
```

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

```
.border{ border-color:#63EF9B }
```

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

Here you see how a box with a 4 pixel #63EF9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63EF9B; -webkit-box-shadow:4px 4px  
4px 4px #63EF9B; box-shadow:4px 4px 4px  
4px #63EF9B }
```

Background

The CSS property to change the background color of an element to Hex 63EF9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63EF9B }
```

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

```
.background{ background-color:#63EF9B }
```

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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