

Converting Colors

Hex(67EE9A)

Have a look what the booklet for
Hex(67EE9A) contains.

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Color

Hex(67EE9A)

Conversions

Conversions Part 1

Format	Color
Hex	67EE9A
RGB	103, 238, 154
RGB Percent	40%, 93%, 60%
CMY	0.5961, 0.0667, 0.3961
CMYK	0.57, 0.00, 0.35, 0.07
HSL	143°, 80%, 67%
HSV	143°, 57%, 93%
XYZ	42.0008, 66.3657, 41.1680
YIQ	188.0590, -53.4960, -54.7440

Conversions

Conversions Part 2

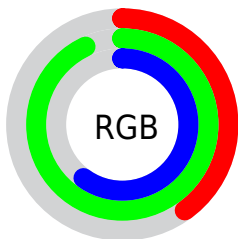
Format	Color
RYB	103, 201, 238
Decimal	6811290
CIELab	85.18, -55.29, 29.83
CIELCh	85, 62.826, 151.651
Yxy	66.3657, 0.2809, 0.4438
Android (android.graphics.Color)	4285001370 (0xFF67EE9A)
YUV	188.0590, -16.7911, -74.5967
Hunter-Lab	81.4652, -50.5352, 27.0637

Details

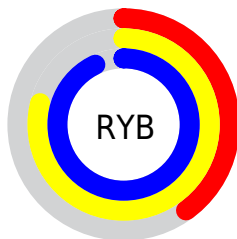
The Hex color **67EE9A** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **EE67BB**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A3FFD1**, and **1EB566** is the 20% darker color. If you saturate the color by 10%, you get **4FEE8B**, and if you desaturate by 10%, it is **7FEEA9**.

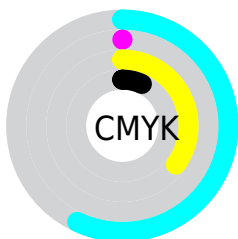
Distribution



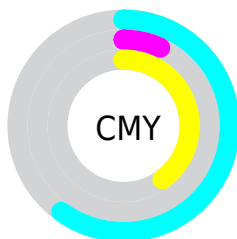
- Red (40%)
- Green (93%)
- Blue (60%)



- Red (40%)
- Yellow (79%)
- Blue (93%)



- Cyan (57%)
- Magenta (0%)
- Yellow (35%)
- Black (7%)



- Cyan (60%)
- Magenta (7%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67EE9A 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 67EE9A by changing the saturation by 10% instead.

 67EE9A

 67EE9A

FFFFFF

 47D180

 A3FFD1

 1EB566

 C1FFED

 00994D

 DFFFFF

 007F35

FEFFFF

 00651E

 004B06

 003400

 001B00

 000000

 67EE9A

 67EE9A

 4FEE8B

 7FEEA9

 37EE7C

 97EEB8

 20EE6E

 AEEEC6

 08EE5F

 C6EED5

 00EE5A

 DEEEE4

 F6EEF3

 FFEEFF

Harmonies

Analogous

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



B7E46B



67EE9A



00F3D6

Triad

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



67EE9A



6ADAFF



FFA99A

Complementary

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



67EE9A



EE67BB

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.



FFA2D4



67EE9A



DDC4FF

Square

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



67EE9A



00EAFF



FFADFF



FFBD6C

Rectangle

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



67EE9A



00F2FF



FFADFF



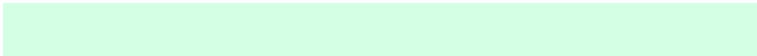
FFA4AC

Sweetspot

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



67EE9A



D4FFE4



BCEE67



668070



000000



808080

Same Dimension

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



67EE9A



52FF93



67EEDC



6C7870



00B845



003815

Inverse Universe

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



EE67BB



FF52BD



EE6779



786C73



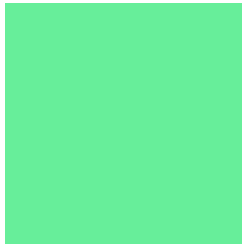
B80072



380023

Previews

White Background



This preview shows how the Hex color 67EE9A looks on a white background.

Color Contrast Check

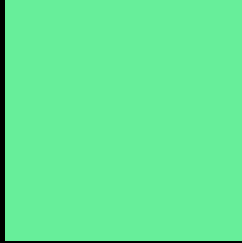
Large Text (above 18pt) WCAG AA × Fail

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 67EE9A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

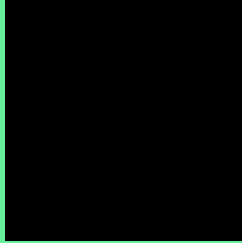
Any Text WCAG AA ✓ Pass

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 67EE9A Background



This preview shows how black text looks on a background with the Hex color 67EE9A.

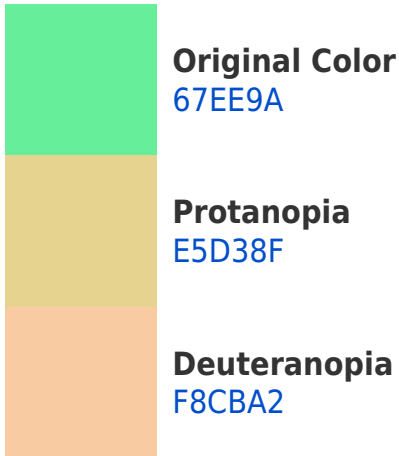


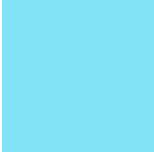
This preview shows how white text looks on a background with the Hex color 67EE9A.

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



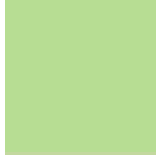


Tritanopia
81E3F5

Trichromacy



Original Color
67EE9A



Protanomaly
B7DD93



Deuteranomaly
C3D89F



Tritanomaly
78E7D4

Monochromacy



Original Color
67EE9A



Achromatopsia
BCBCBC



Achromatomaly
9DCEB0

CSS Examples

Text

The CSS property to change the color of the text to Hex 67EE9A 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 #67EE9A looks like.

```
.text, #text, p{  
    color:#67EE9A  
}
```

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 #67EE9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67EE9A
}
```

Border

The CSS property to change the border of an element to Hex 67EE9A 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
#67EE9A }
```

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

```
.border{ border-color:#67EE9A }
```

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

Here you see how a box with a 4 pixel #67EE9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67EE9A; -webkit-box-shadow:4px 4px  
4px 4px #67EE9A; box-shadow:4px 4px 4px  
4px #67EE9A }
```

Background

The CSS property to change the background color of an element to Hex 67EE9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67EE9A }
```

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

```
.background{ background-color:#67EE9A }
```

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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