

Converting Colors

Hex(39EB94)

Have a look what the booklet for
Hex(39EB94) contains.

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Color

Hex(39EB94)

Conversions

Conversions Part 1

Format	Color
Hex	39EB94
RGB	57, 235, 148
RGB Percent	22%, 92%, 58%
CMY	0.7765, 0.0784, 0.4196
CMYK	0.76, 0.00, 0.37, 0.08
HSL	151°, 82%, 57%
HSV	151°, 76%, 92%
XYZ	36.7410, 62.4246, 38.1297
YIQ	171.8600, -78.1610, -64.7930

Conversions

Conversions Part 2

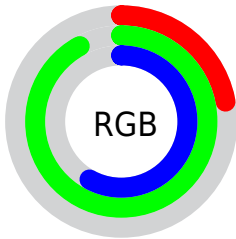
Format	Color
RYB	57, 175, 235
Decimal	3795860
CIELab	83.14, -63.09, 29.96
CIELCh	83, 69.844, 154.601
Yxy	62.4246, 0.2676, 0.4547
Android (android.graphics.Color)	4281985940 (0xFF39EB94)
YUV	171.8600, -11.7630, -100.7322
Hunter-Lab	79.0093, -55.2600, 26.6933

Details

The Hex color **39EB94** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle washed spring green. A complement of this color would be **EB3990**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **81FFCB**, and **00B260** is the 20% darker color. If you saturate the color by 10%, you get **21EB89**, and if you desaturate by 10%, it is **51EB9F**.

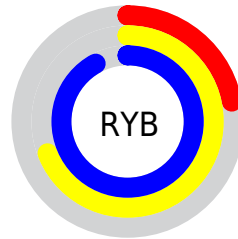
Distribution



Red (22%)

Green (92%)

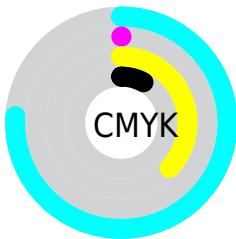
Blue (58%)



Red (22%)

Yellow (69%)

Blue (92%)

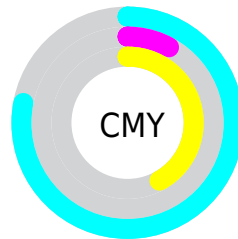


Cyan (76%)

Magenta (0%)

Yellow (37%)

Black (8%)



Cyan (78%)

Magenta (8%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39EB94 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 39EB94 by changing the saturation by 10% instead.

 39EB94

 39EB94

FFFFFF

 00CE7A

 81FFCB

 00B260

 A1FFE7

 009648

 C0FFFF

 007B30

 DFFFFFF

 006119

FEFFFF

 004700

 003000

 001300

 000000

 39EB94

 39EB94

 21EB89

 51EB9F

 0AEB7D

 68EBAB

 00EB78

 7FEBC6

 97EBC2

 AFEBCD

 C6EBD9

 DDEBE4

 F5EBF0

 FFEFBF

Harmonies

Analogous

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



A5E15C



39EB94



00EFD8

Triad

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



39EB94



57D3FF



FF9E88

Complementary

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



39EB94



EB3990

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.



FF93C8



39EB94



DFB9FF

Square

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



39EB94



00E5FF



FF9FFF



FFB756

Rectangle

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



39EB94



00EFFF



FF9FFF



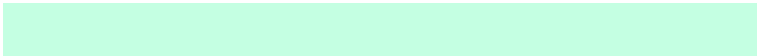
FF989C

Sweetspot

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



39EB94



C4FFE2



92EB39



5C806E



000000



808080

Same Dimension

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



39EB94



17FF8E



39EBEB



6A7570



00B55D



00361B

Inverse Universe

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



EB3990



FF1788



EB3939



756A6F



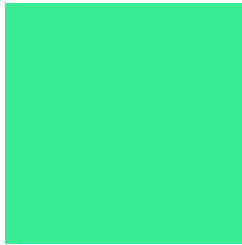
B50058



36001A

Previews

White Background



This preview shows how the Hex color 39EB94 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 39EB94 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

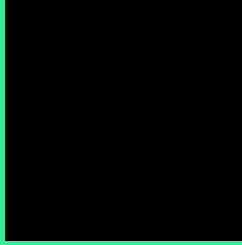
Any Text WCAG AA ✓ Pass

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 39EB94 Background



This preview shows how black text looks on a background with the Hex color 39EB94.

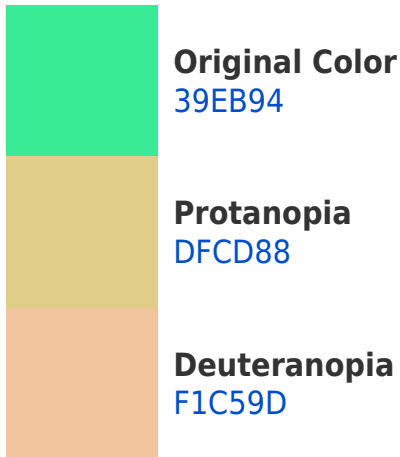


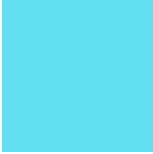
This preview shows how white text looks on a background with the Hex color 39EB94.

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
62E0F2

Trichromacy



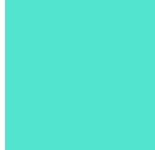
Original Color
39EB94



Protanomaly
A3D88C



Deuteranomaly
AED39A



Tritanomaly
53E4D0

Monochromacy



Original Color
39EB94



Achromatopsia
ACACAC



Achromatomaly
82C3A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 39EB94 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 #39EB94 looks like.

```
.text, #text, p{  
    color:#39EB94  
}
```

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 #39EB94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39EB94
}
```

Border

The CSS property to change the border of an element to Hex 39EB94 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
#39EB94 }
```

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

```
.border{ border-color:#39EB94 }
```

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

Here you see how a box with a 4 pixel #39EB94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39EB94; -webkit-box-shadow:4px 4px  
4px 4px #39EB94; box-shadow:4px 4px 4px  
4px #39EB94 }
```

Background

The CSS property to change the background color of an element to Hex 39EB94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39EB94 }
```

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

```
.background{ background-color:#39EB94 }
```

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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