

# Converting Colors

Hex(38EB94)

Have a look what the booklet for  
Hex(38EB94) contains.

<b>Hex(38EB94)</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(38EB94)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38EB94
RGB	56, 235, 148
RGB Percent	22%, 92%, 58%
CMY	0.7804, 0.0784, 0.4196
CMYK	0.76, 0.00, 0.37, 0.08
HSL	151°, 82%, 57%
HSV	151°, 76%, 92%
XYZ	36.6845, 62.3955, 38.1270
YIQ	171.5610, -78.7570, -65.0050

# Conversions

## Conversions Part 2

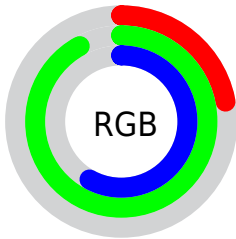
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 174, 235
Decimal	3730324
CIELab	83.12, -63.21, 29.93
CIELCh	83, 69.943, 154.661
Yxy	62.3955, 0.2674, 0.4548
Android (android.graphics.Color)	4281920404 (0xFF38EB94)
YUV	171.5610, -11.6156, -101.3470
Hunter-Lab	78.9908, -55.3359, 26.6757

# Details

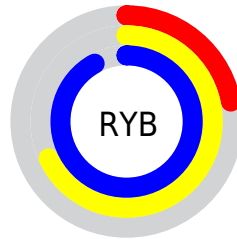
The Hex color **38EB94** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle washed spring green. A complement of this color would be **EB388F**, and the grayscale version is **ACACAC**.

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 **4FEB9F**.

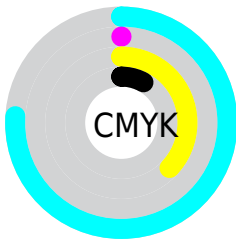
# Distribution



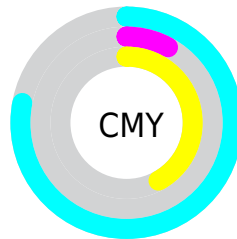
- Red (22%)
- Green (92%)
- Blue (58%)



- Red (22%)
- Yellow (68%)
- 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 38EB94 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 38EB94 by changing the saturation by 10% instead.



 38EB94

 38EB94

FFFFFF

 00CE7A

 81FFCB

 00B260

 A0FFE7

 009648

 C0FFFF

 007B30

 DFFFFFF

 006119

FEFFFF

 004700

 003000

 001300

 000000

 38EB94

 38EB94

 21EB89

 4FEB9F

 09EB7D

 67EBAB

 00EB79

 7EEBB6

 96EBC2

 AEEBCD

 C5EBD9

 DDEBE4

 F4EBEF

 FFEFBF

# Harmonies

## Analogous

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



A5E15C



38EB94



00EFD8

# Triad

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



38EB94



57D3FF



FF9E88

# Complementary

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



38EB94



EB388F

# 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.



FF93C7



38EB94



E0B9FF

# Square

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



38EB94



00E5FF



FF9FFF



FFB756

# Rectangle

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



38EB94



00EFFF



FF9FFF



FF989C

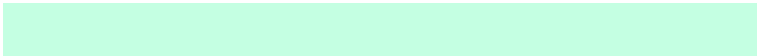


# Sweetspot

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



38EB94



C4FFE2



92EB38



5C806E



000000



808080



# Same Dimension

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



38EB94



17FF8E



38EBEB



6A7570



00B55D



00361C



# Inverse Universe

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



EB388F



FF1788



EB3838



756A6F



B50058

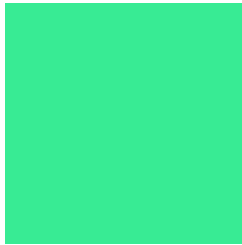


36001A



# Previews

## White Background



This preview shows how the Hex color 38EB94 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 38EB94 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 38EB94 Background



This preview shows how black text looks on a background with the Hex color 38EB94.

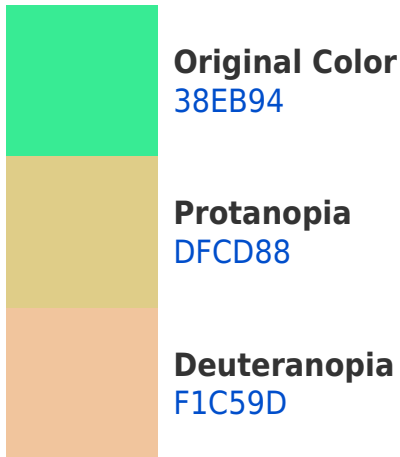


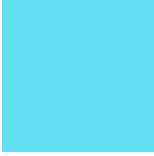
This preview shows how white text looks on a background with the Hex color 38EB94.

# 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



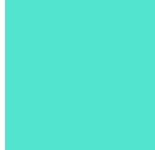
**Original Color**  
38EB94



**Protanomaly**  
A2D88C



**Deuteranomaly**  
AED39A

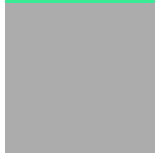


**Tritanomaly**  
53E4D0

# Monochromacy



**Original Color**  
38EB94



**Achromatopsia**  
ACACAC



**Achromatomaly**  
82C3A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38EB94 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 #38EB94 looks like.

```
.text, #text, p{  
    color:#38EB94  
}
```

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 #38EB94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38EB94
}
```

## Border

The CSS property to change the border of an element to Hex 38EB94 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
#38EB94 }
```

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

```
.border{ border-color:#38EB94 }
```

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

Here you see how a box with a 4 pixel #38EB94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38EB94; -webkit-box-shadow:4px 4px  
4px 4px #38EB94; box-shadow:4px 4px 4px  
4px #38EB94 }
```

# Background

The CSS property to change the background color of an element to Hex 38EB94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38EB94 }
```

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

```
.background{ background-color:#38EB94 }
```

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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