

Converting Colors

Hex(38EE8C)

Have a look what the booklet for
Hex(38EE8C) contains.

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Color

Hex(38EE8C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 38EE8C |
| RGB | 56, 238, 140 |
| RGB Percent | 22%, 93%, 55% |
| CMY | 0.7804, 0.0667, 0.4510 |
| CMYK | 0.76, 0.00, 0.41, 0.07 |
| HSL | 148°, 84%, 58% |
| HSV | 148°, 76%, 93% |
| XYZ | 36.9390, 63.8833, 35.1948 |
| YIQ | 172.4100, -77.0140, -69.0620 |

Conversions

Conversions Part 2

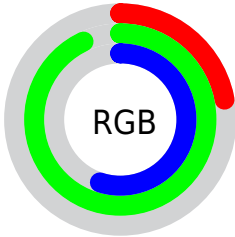
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 56, 181, 238 |
| Decimal | 3731084 |
| CIELab | 83.90, -65.74, 34.99 |
| CIELCh | 84, 74.475, 151.975 |
| Yxy | 63.8833, 0.2716, 0.4697 |
| Android (android.graphics.Color) | 4281921164 (0xFF38EE8C) |
| YUV | 172.4100, -15.9781, -102.0916 |
| Hunter-Lab | 79.9270, -57.3768, 29.8414 |

Details

The Hex color **38EE8C** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **EE389A**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **81FFC2**, and **00B558** is the 20% darker color. If you saturate the color by 10%, you get **20EE7F**, and if you desaturate by 10%, it is **50EE99**.

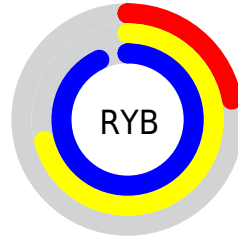
Distribution



Red (22%)

Green (93%)

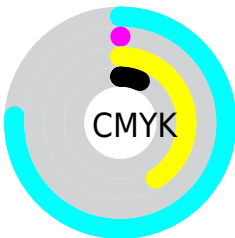
Blue (55%)



Red (22%)

Yellow (71%)

Blue (93%)

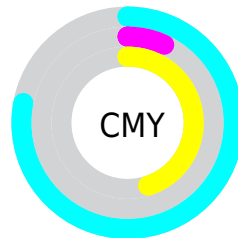


Cyan (76%)

Magenta (0%)

Yellow (41%)

Black (7%)



Cyan (78%)

Magenta (7%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38EE8C 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 38EE8C by changing the saturation by 10% instead.

 38EE8C

 38EE8C


FFFFFF

 00D172

 81FFC2

 00B558

 A1FFDF

 009940

 C0FFFC

 007E27

 E0FFFF

 00630E

 004A00

 003200

 001600

 000000

 38EE8C

 38EE8C

 20EE7F

 50EE99

 08EE72

 68EEA6

 00EE6E

 7FEEB2

 97EEBF

 AFEECC

 C7EED9

 DFEEEE6

 F6EEF3

 FFE EFF

Harmonies

Analogous

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



ABE351



38EE8C



00F3D4

Triad

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



38EE8C



08D8FF



FF9A8B

Complementary

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



38EE8C



EE389A

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.



FF90CF



38EE8C



D9BDFF

Square

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



38EE8C



00E9FF



FF9FFF



FFB553

Rectangle

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



38EE8C



00F3FF



FF9FFF



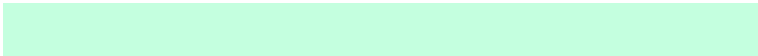
FF94A1

Sweetspot

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



38EE8C



C4FFDF



9CEE38



5C806C



000000



808080

Same Dimension

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



38EE8C



14FF81



38EEE5



6C7871



00B855



00381A

Inverse Universe

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



EE389A



FF1493



EE3841



786C72



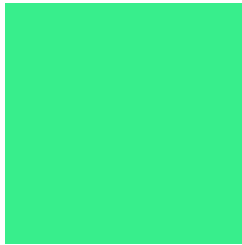
B80063



38001E

Previews

White Background



This preview shows how the Hex color 38EE8C 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 38EE8C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

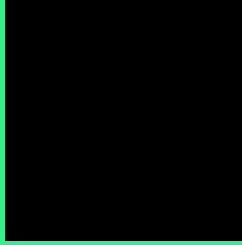
Any Text WCAG AA ✓ Pass

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 38EE8C Background



This preview shows how black text looks on a background with the Hex color 38EE8C.

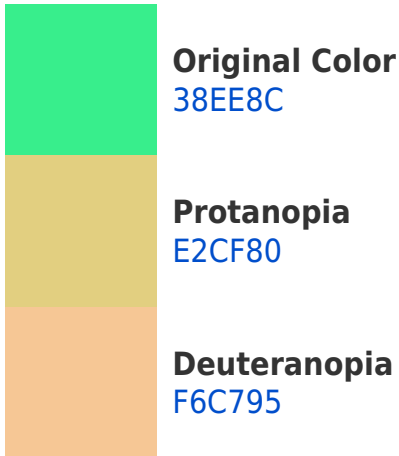


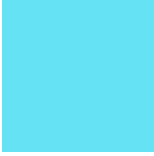
This preview shows how white text looks on a background with the Hex color 38EE8C.

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
65E2F4

Trichromacy



Original Color
38EE8C



Protanomaly
A4DA84



Deuteranomaly
B1D592



Tritanomaly
55E6CE

Monochromacy



Original Color
38EE8C



Achromatopsia
ACACAC



Achromatomaly
82C4A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 38EE8C 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 #38EE8C looks like.

```
.text, #text, p{  
    color:#38EE8C  
}
```

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 #38EE8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38EE8C
}
```

Border

The CSS property to change the border of an element to Hex 38EE8C 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
#38EE8C }
```

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

```
.border{ border-color:#38EE8C }
```

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

Here you see how a box with a 4 pixel #38EE8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38EE8C; -webkit-box-shadow:4px 4px  
4px 4px #38EE8C; box-shadow:4px 4px 4px  
4px #38EE8C }
```

Background

The CSS property to change the background color of an element to Hex 38EE8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38EE8C }
```

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

```
.background{ background-color:#38EE8C }
```

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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