

Converting Colors

Hex(38EBA6)

Have a look what the booklet for
Hex(38EBA6) contains.

| | |
|--|----|
| Hex(38EBA6) | 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(38EBA6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 38EBA6 |
| RGB | 56, 235, 166 |
| RGB Percent | 22%, 92%, 65% |
| CMY | 0.7804, 0.0784, 0.3490 |
| CMYK | 0.76, 0.00, 0.29, 0.08 |
| HSL | 157°, 82%, 57% |
| HSV | 157°, 76%, 92% |
| XYZ | 38.2222, 63.0106, 46.2241 |
| YIQ | 173.6130, -84.5350, -59.4070 |

Conversions

Conversions Part 2

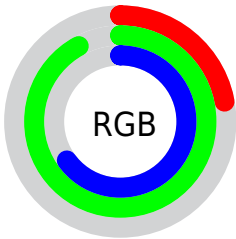
| Format | Color |
|-------------------------------------|--|
| RYB | 56, 167, 235 |
| Decimal | 3730342 |
| CIELab | 83.45, -59.60, 21.15 |
| CIELCh | 83, 63.237, 160.463 |
| Yxy | 63.0106, 0.2592, 0.4273 |
| Android (android.graphics.Color) | 4281920422 (0xFF38EBA6) |
| YUV | 173.6130, -3.7532, -103.1466 |
| Hunter-Lab | 79.3792, -52.9635, 21.0397 |

Details

The Hex color **38EBA6** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **EB387D**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **81FFDD**, and **00B272** is the 20% darker color. If you saturate the color by 10%, you get **21EB9D**, and if you desaturate by 10%, it is **4FEBAF**.

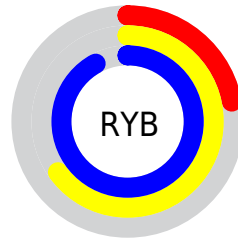
Distribution



Red (22%)

Green (92%)

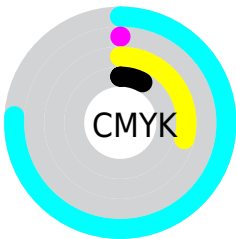
Blue (65%)



Red (22%)

Yellow (65%)

Blue (92%)

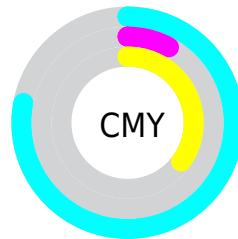


Cyan (76%)

Magenta (0%)

Yellow (29%)

Black (8%)



Cyan (78%)

Magenta (8%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38EBA6 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 38EBA6 by changing the saturation by 10% instead.

 38EBA6

 38EBA6


FFFFFF

 00CE8B

 81FFDD

 00B272

 A1FFFA

 009659

 C0FFFF

 007B41

 DFFFFFF

 00612A

FEFFFF

 004815

 003100

 001400

 000000

 38EBA6

 38EBA6

 21EB9D

 4FEBAF

 09EB94

 67EBB8

 00EB90

 7EEBC1

 96EBCA

 AEEBD3

 C5EBDC

 DDEBE5

 F4EBEE

 FFEBF8

Harmonies

Analogous

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



9DE271



38EBA6



00EEE4

Triad

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



38EBA6



8DCFF



FFA986

Complementary

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



38EBA6



EB387D

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.



FF9CBD



38EBA6



EFB8FF

Square

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



38EBA6



00E1FF



FFA3F9



FFBF5E

Rectangle

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



38EBA6



00EDFF



FFA3F9



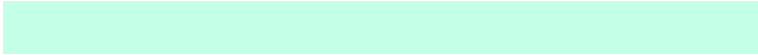
FFA397

Sweetspot

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



38EBA6



C4FFE8



80EB38



5C8072



000000



808080

Same Dimension

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



38EBA6



17FFA6



38D9EB



6A7571



00B56F



003621

Inverse Universe

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



EB387D



FF1770



EB4A38



756A6E



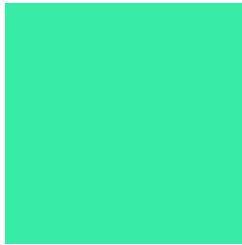
B50046



360015

Previews

White Background



This preview shows how the Hex color 38EBA6 looks on a white background.

Color Contrast Check

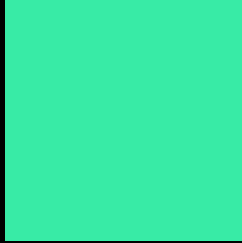
Large Text (above 18pt) WCAG AA × Fail

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 38EBA6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

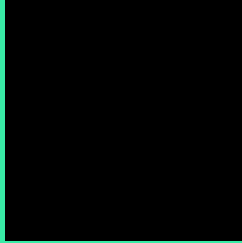
Any Text WCAG AA ✓ Pass

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 38EBA6 Background



This preview shows how black text looks on a background with the Hex color 38EBA6.

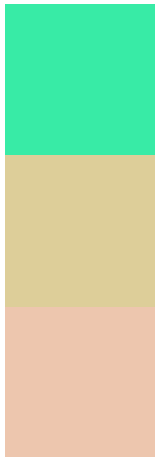


This preview shows how white text looks on a background with the Hex color 38EBA6.

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](#).

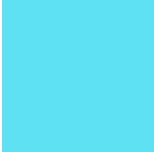
Dichromacy



Original Color
38EBA6

Protanopia
DDCE99

Deuteranopia
EDC6AE



Tritanopia
5EE1F3

Trichromacy



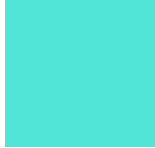
Original Color
38EBA6



Protanomaly
A1D99E



Deuteranomaly
ABD3AB



Tritanomaly
50E5D7

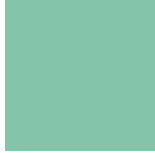
Monochromacy



Original Color
38EBA6



Achromatopsia
AEAEAE



Achromatomaly
83C4AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 38EBA6 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 #38EBA6 looks like.

```
.text, #text, p{  
    color:#38EBA6  
}
```

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 #38EBA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38EBA6
}
```

Border

The CSS property to change the border of an element to Hex 38EBA6 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
#38EBA6 }
```

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

```
.border{ border-color:#38EBA6 }
```

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

Here you see how a box with a 4 pixel #38EBA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38EBA6; -webkit-box-shadow:4px 4px  
4px 4px #38EBA6; box-shadow:4px 4px 4px  
4px #38EBA6 }
```

Background

The CSS property to change the background color of an element to Hex 38EBA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38EBA6 }
```

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

```
.background{ background-color:#38EBA6 }
```

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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