

Converting Colors

Hex(38E887)

Have a look what the booklet for
Hex(38E887) contains.

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Color

Hex(38E887)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 38E887 |
| RGB | 56, 232, 135 |
| RGB Percent | 22%, 91%, 53% |
| CMY | 0.7804, 0.0902, 0.4706 |
| CMYK | 0.76, 0.00, 0.42, 0.09 |
| HSL | 147°, 79%, 56% |
| HSV | 147°, 76%, 91% |
| XYZ | 34.8607, 60.3032, 32.7240 |
| YIQ | 168.3180, -73.7590, -67.4790 |

Conversions

Conversions Part 2

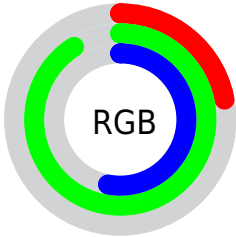
| Format | Color |
|-------------------------------------|--|
| RYB | 56, 177, 232 |
| Decimal | 3729543 |
| CIELab | 82.00, -64.52, 35.00 |
| CIELCh | 82, 73.403, 151.519 |
| Yxy | 60.3032, 0.2726, 0.4715 |
| Android (android.graphics.Color) | 4281919623 (0xFF38E887) |
| YUV | 168.3180, -16.4258, -98.5029 |
| Hunter-Lab | 77.6552, -55.7650, 29.3737 |

Details

The Hex color **38E887** 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 **E83899**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **80FFBD**, and **00AF54** is the 20% darker color. If you saturate the color by 10%, you get **21E87A**, and if you desaturate by 10%, it is **4FE894**.

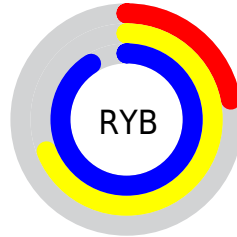
Distribution



Red (22%)

Green (91%)

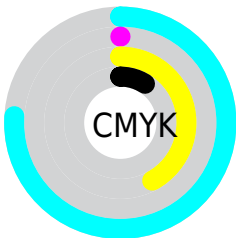
Blue (53%)



Red (22%)

Yellow (69%)

Blue (91%)

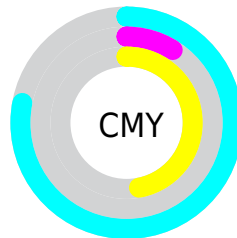


Cyan (76%)

Magenta (0%)

Yellow (42%)

Black (9%)



Cyan (78%)

Magenta (9%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38E887 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 38E887 by changing the saturation by 10% instead.

 38E887

FFFFFF

 80FFBD

 A0FFD9

 BFFFF6


 DEFFFF

 FDFFFF

 38E887

 00CB6D

 00AF54

 00933B

 007823

 005E08

 004500

 002D00

 000D00

 000000

 38E887

 38E887

 21E87A

 4FE894

 0AE86D

 66E8A1

 00E868

 7EE8AD

 95E8BA

 ACE8C7

 C3E8D4

 DAE8E1

 F2E8ED

 FFE8FA

Harmonies

Analogous

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



A7DD4D



38E887



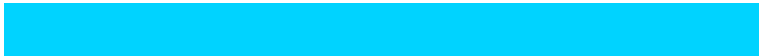
00EDCD

Triad

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



38E887



00D3FF



FF9688

Complementary

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



38E887



E83899

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.



FF8BCB



38E887



D2B8FF

Square

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



38E887



00E4FF



FF9BFF



FFB051

Rectangle

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



38E887



00EDFC



FF9BFF



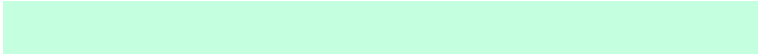
FF909D

Sweetspot

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



38E887



C4FFDF



9CE838



5C806C



000000



808080

Same Dimension

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



38E887



17FF7F



38E8DC



67736C



00B350



003317

Inverse Universe

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



E83899



FF1797



E83844



73676E



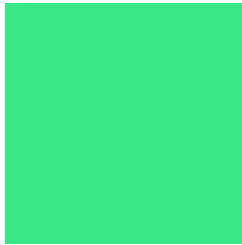
B30062



33001C

Previews

White Background



This preview shows how the Hex color 38E887 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 38E887 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

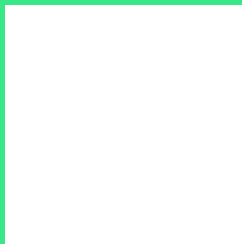
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 38E887 Background



This preview shows how black text looks on a background with the Hex color 38E887.

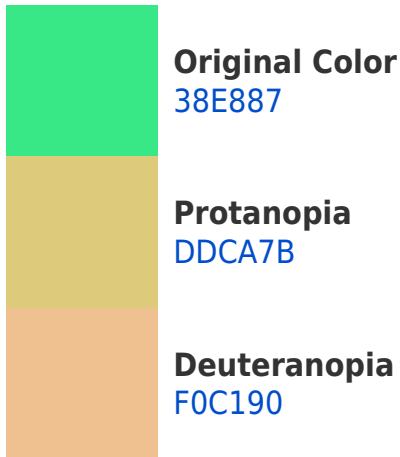


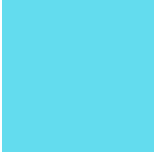
This preview shows how white text looks on a background with the Hex color 38E887.

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
63DCEE

Trichromacy



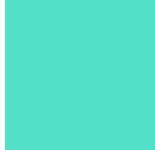
Original Color
38E887



Protanomaly
A1D57F



Deuteranomaly
ADCF8D

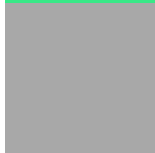


Tritanomaly
53E0C9

Monochromacy



Original Color
38E887



Achromatopsia
A8A8A8



Achromatomaly
7FBF9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 38E887 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 #38E887 looks like.

```
.text, #text, p{  
    color:#38E887  
}
```

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 #38E887 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38E887
}
```

Border

The CSS property to change the border of an element to Hex 38E887 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
#38E887 }
```

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

```
.border{ border-color:#38E887 }
```

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

Here you see how a box with a 4 pixel #38E887 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38E887; -webkit-box-shadow:4px 4px  
4px 4px #38E887; box-shadow:4px 4px 4px  
4px #38E887 }
```

Background

The CSS property to change the background color of an element to Hex 38E887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38E887 }
```

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

```
.background{ background-color:#38E887 }
```

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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