

Converting Colors

Hex(38E805)

Have a look what the booklet for
Hex(38E805) contains.

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Color

Hex(38E805)

Conversions

Conversions Part 1

Format	Color
Hex	38E805
RGB	56, 232, 5
RGB Percent	22%, 91%, 2%
CMY	0.7804, 0.0902, 0.9804
CMYK	0.76, 0.00, 0.98, 0.09
HSL	107°, 96%, 46%
HSV	107°, 98%, 91%
XYZ	30.5149, 58.5649, 9.8394
YIQ	153.4980, -32.0290, -107.9090

Conversions

Conversions Part 2

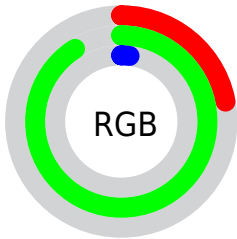
Format	Color
R _{YB}	5, 232, 181
Decimal	3729413
CIE Lab	81.05, -75.96, 77.58
CIE LCh	81, 108.575, 134.394
Yxy	58.5649, 0.3085, 0.5920
Android (android.graphics.Color)	4281919493 (0xFF38E805)
YUV	153.4980, -73.2095, -85.5057
Hunter-Lab	76.5277, -62.7479, 45.9463

Details


The Hex color **38E805** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **B505E8**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **84FF59**, and **00AF00** is the 20% darker color. If you saturate the color by 10%, you get **34E800**, and if you desaturate by 10%, it is **4AE81C**.

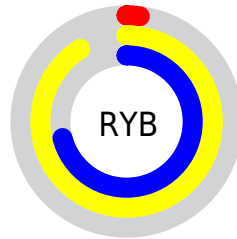
Distribution



 Red (22%)

 Green (91%)

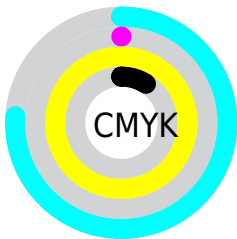
 Blue (2%)




 Red (2%)

 Yellow (91%)

 Blue (71%)

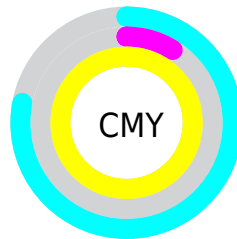


 Cyan (76%)

 Magenta (0%)

 Yellow (98%)

 Black (9%)



 Cyan (78%)

 Magenta (9%)

 Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38E805 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 38E805 by changing the saturation by 10% instead.

 38E805

 38E805

FFFFFF

 00CB00

 84FF59

 00AF00

 A5FF77

 009300

 C4FF94

 007800

 E4FFB1

 005D00

 FFFFCF

 004400

 FFFFED

 002B00

 000700

 000000

 38E805

 38E805

 34E800

 4AE81C

 5CE833

 6EE84B

 80E862

 92E879

 A4E890

 B6E8A7

 C8E8BF

 DAE8D6

Harmonies

Analogous

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



C5D400



38E805



00F28F

Triad

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



38E805



00E4FF



FF449D

Complementary

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



38E805



B505E8

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.



FF54FF



38E805



00C6FF

Square

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



38E805



00F2FF



FF93FF



FF7D3A

Rectangle

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



38E805



00F5D6



FF93FF



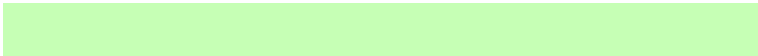
FF3CBF

Sweetspot

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



38E805



C6FFB5



E8B305



5D8053



000000



808080

Same Dimension

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



38E805



39FF00



05E842



6A7367



28B300



0B3300

Inverse Universe

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



B505E8



C600FF



E805AB



706773



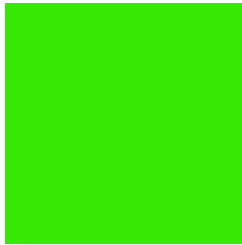
8A00B3



280033

Previews

White Background



This preview shows how the Hex color 38E805 looks on a white background.

Color Contrast Check

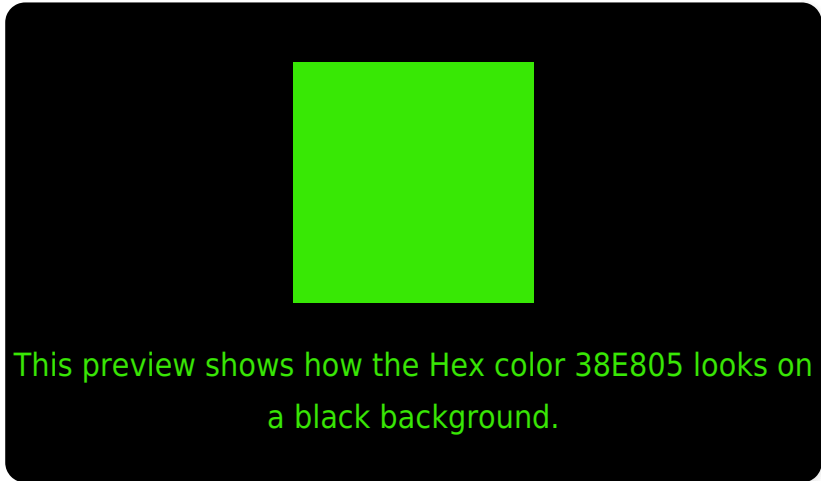
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

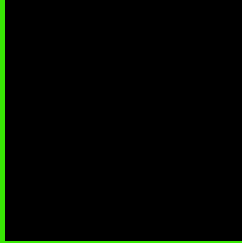
Any Text WCAG AA ✓ Pass

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 38E805 Background



This preview shows how black text looks on a background with the Hex color 38E805.

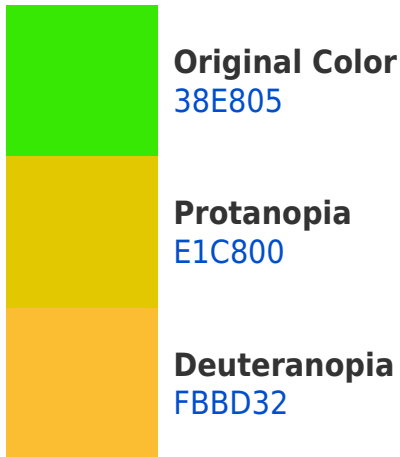


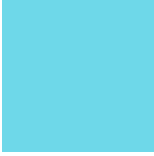
This preview shows how white text looks on a background with the Hex color 38E805.

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](#).

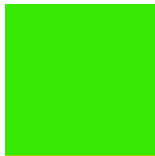
Dichromacy





Tritanopia
6ED8E9

Trichromacy



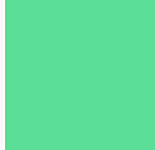
Original Color
38E805



Protanomaly
A4D402

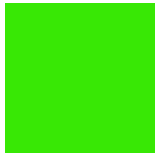


Deuteranomaly
B4CD22



Tritanomaly
5ADE96

Monochromacy



Original Color
38E805



Achromatopsia
999999



Achromatomaly
76B663

CSS Examples

Text

The CSS property to change the color of the text to Hex 38E805 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 #38E805 looks like.

```
.text, #text, p{  
    color:#38E805  
}
```

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 #38E805 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38E805  
}
```

Border

The CSS property to change the border of an element to Hex 38E805 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  
#38E805 }
```

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

```
.border{ border-color:#38E805 }
```

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

Here you see how a box with a 4 pixel #38E805 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38E805; -webkit-box-shadow:4px 4px  
4px 4px #38E805; box-shadow:4px 4px 4px  
4px #38E805 }
```

Background

The CSS property to change the background color of an element to Hex 38E805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38E805 }
```

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

```
.background{ background-color:#38E805 }
```

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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