

Converting Colors

Hex(38EE41)

Have a look what the booklet for
Hex(38EE41) contains.

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Color

Hex(38EE41)

Conversions

Conversions Part 1

Format	Color
Hex	38EE41
RGB	56, 238, 65
RGB Percent	22%, 93%, 25%
CMY	0.7804, 0.0667, 0.7451
CMYK	0.76, 0.00, 0.73, 0.07
HSL	123°, 84%, 58%
HSV	123°, 76%, 93%
XYZ	33.1596, 62.3715, 15.2922
YIQ	163.8600, -52.9390, -92.3870

Conversions

Conversions Part 2

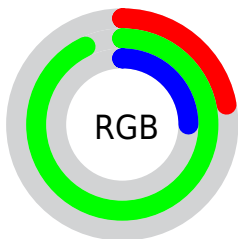
Format	Color
RYB	56, 229, 238
Decimal	3731009
CIELab	83.11, -75.21, 66.92
CIElCh	83, 100.675, 138.339
Yxy	62.3715, 0.2992, 0.5628
Android (android.graphics.Color)	4281921089 (0xFF38EE41)
YUV	163.8600, -48.7380, -94.5932
Hunter-Lab	78.9756, -63.2604, 43.8025

Details

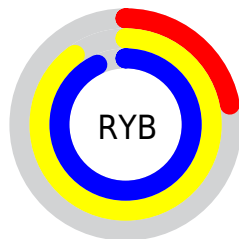
The Hex color **38EE41** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **EE38E5**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **84FF7B**, and **00B400** is the 20% darker color. If you saturate the color by 10%, you get **20EE2A**, and if you desaturate by 10%, it is **50EE58**.

Distribution



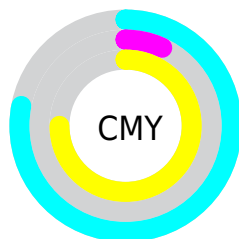
- Red (22%)
- Green (93%)
- Blue (25%)



- Red (22%)
- Yellow (90%)
- Blue (93%)



- Cyan (76%)
- Magenta (0%)
- Yellow (73%)
- Black (7%)



- Cyan (78%)
- Magenta (7%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38EE41 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 38EE41 by changing the saturation by 10% instead.

 38EE41

 38EE41


FFFFFF

 00D11F

 84FF7B

 00B400

 A4FF97

 009800

 C4FFB3

 007D00

 E3FFD0

 006300

 FFFFEE

 004900

 003000

 001300

 000000

 38EE41

 38EE41

 20EE2A

 50EE58

 08EE14

 68EE6E

 00EE0C

 7FEE85

 97EE9B

 AFEEB2

 C7EEC9

 DFEEDF

 F6EEF6

 FFE EFF

Harmonies

Analogous

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



C2DC00



38EE41



00F7A5

Triad

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



38EE41



00E5FF



FF669A

Complementary

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



38EE41



EE38E5

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.



FF68F8



38EE41



68C6FF

Square

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



38EE41



00F5FF



FF97FF



FF923F

Rectangle

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



38EE41



00F9E8



FF97FF



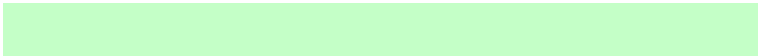
FF5FB9

Sweetspot

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



38EE41



C4FFC7



E8EE38



5C805E



000000



808080

Same Dimension

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



38EE41



14FF20



38EE99



6C786C



00B809



003803

Inverse Universe

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



EE38E5



FF14F3



EE388D



786C77



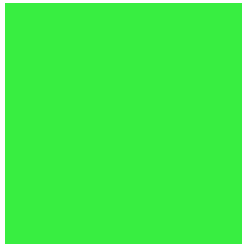
B800AF



380035

Previews

White Background



This preview shows how the Hex color 38EE41 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 38EE41 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 38EE41 Background



This preview shows how black text looks on a background with the Hex color 38EE41.

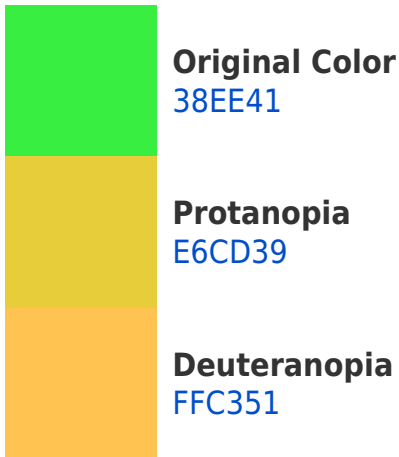


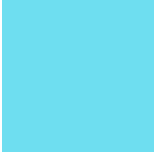
This preview shows how white text looks on a background with the Hex color 38EE41.

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](#).

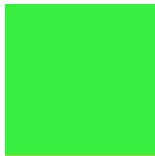
Dichromacy





Tritanopia
6EDEF0

Trichromacy



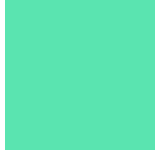
Original Color
38EE41



Protanomaly
A7D93C



Deuteranomaly
B7D34B

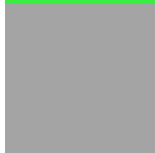


Tritanomaly
5AE4B0

Monochromacy



Original Color
38EE41



Achromatopsia
A4A4A4



Achromatomaly
7DBF80

CSS Examples

Text

The CSS property to change the color of the text to Hex 38EE41 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 #38EE41 looks like.

```
.text, #text, p{  
    color:#38EE41  
}
```

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 #38EE41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38EE41
}
```

Border

The CSS property to change the border of an element to Hex 38EE41 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
#38EE41 }
```

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

```
.border{ border-color:#38EE41 }
```

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

Here you see how a box with a 4 pixel #38EE41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38EE41; -webkit-box-shadow:4px 4px  
4px 4px #38EE41; box-shadow:4px 4px 4px  
4px #38EE41 }
```

Background

The CSS property to change the background color of an element to Hex 38EE41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38EE41 }
```

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

```
.background{ background-color:#38EE41 }
```

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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