

Converting Colors

Hex(38ED58)

Have a look what the booklet for
Hex(38ED58) contains.

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Color

Hex(38ED58)

Conversions

Conversions Part 1

Format	Color
Hex	38ED58
RGB	56, 237, 88
RGB Percent	22%, 93%, 35%
CMY	0.7804, 0.0706, 0.6549
CMYK	0.76, 0.00, 0.63, 0.07
HSL	131°, 83%, 57%
HSV	131°, 76%, 93%
XYZ	33.6765, 62.1137, 19.4467
YIQ	165.8950, -60.0470, -84.7110

Conversions

Conversions Part 2

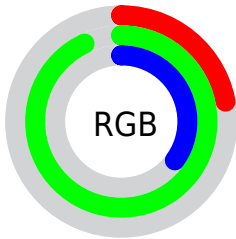
Format	Color
RYB	56, 210, 237
Decimal	3730776
CIELab	82.97, -72.80, 58.01
CIELCh	83, 93.092, 141.451
Yxy	62.1137, 0.2922, 0.5390
Android (android.graphics.Color)	4281920856 (0xFF38ED58)
YUV	165.8950, -38.4022, -96.3779
Hunter-Lab	78.8122, -61.6483, 40.5389

Details

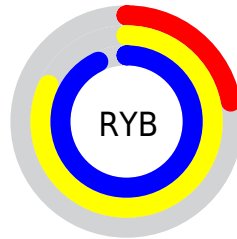
The Hex color **38ED58** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **ED38CD**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **82FF8F**, and **00B31D** is the 20% darker color. If you saturate the color by 10%, you get **20ED44**, and if you desaturate by 10%, it is **50ED6C**.

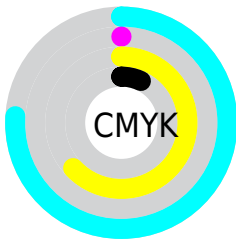
Distribution



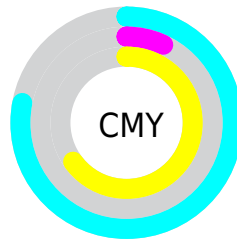
- Red (22%)
- Green (93%)
- Blue (35%)



- Red (22%)
- Yellow (82%)
- Blue (93%)



- Cyan (76%)
- Magenta (0%)
- Yellow (63%)
- Black (7%)



- Cyan (78%)
- Magenta (7%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38ED58 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 38ED58 by changing the saturation by 10% instead.

 38ED58

 38ED58

FFFFFF

 00D03C

 82FF8F

 00B31D

 A3FFAB

 009800

 C2FFC7

 007C00

 E2FFE4

 006200

 004800

 003000

 001200

 000000

 38ED58

 38ED58

 20ED44

 50ED6C

 09ED31

 67ED7F

 00ED2A

 7FED93

 97EDA6

 AEEDBA

 C6EDCD

 DEEDE1

 F6EDF4

 FFEDFF

Harmonies

Analogous

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



BBDD00



38ED58



00F5B2

Triad

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



38ED58



00E1FF



FF7794

Complementary

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



38ED58



ED38CD

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.



FF73EC



38ED58



94C2FF

Square

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



38ED58



00F1FF



FF98FF



FF9C43

Rectangle

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



38ED58



00F6EF



FF98FF



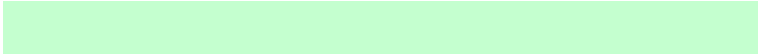
FF70B1

Sweetspot

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



38ED58



C4FFCF



CFED38



5C8062



000000



808080

Same Dimension

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



38ED58



14FF3E



38EDB1



6A756C



00B520



003609

Inverse Universe

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



ED38CD



FF14D6



ED3874



756A73



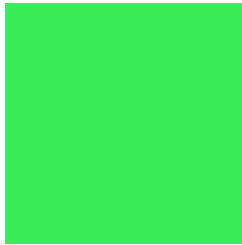
B50095



36002C

Previews

White Background



This preview shows how the Hex color 38ED58 looks on a white background.

Color Contrast Check

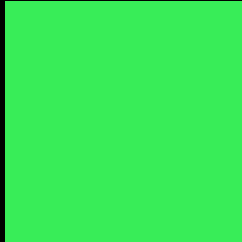
Large Text (above 18pt) WCAG AA × Fail

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 38ED58 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

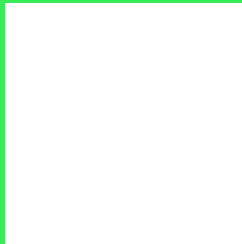
Any Text WCAG AAA ✓ Pass

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

Hex 38ED58 Background



This preview shows how black text looks on a background with the Hex color 38ED58.

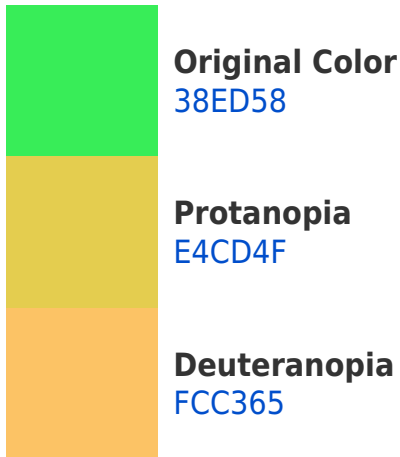


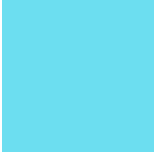
This preview shows how white text looks on a background with the Hex color 38ED58.

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](#).

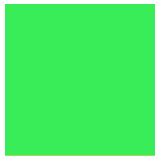
Dichromacy





Tritanopia
6CDEF0

Trichromacy



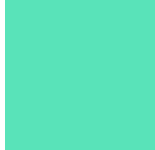
Original Color
38ED58



Protanomaly
A5D952



Deuteranomaly
B5D260



Tritanomaly
59E3B9

Monochromacy



Original Color
38ED58



Achromatopsia
A6A6A6



Achromatomaly
7EC08A

CSS Examples

Text

The CSS property to change the color of the text to Hex 38ED58 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 #38ED58 looks like.

```
.text, #text, p{  
    color:#38ED58  
}
```

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 #38ED58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38ED58  
}
```

Border

The CSS property to change the border of an element to Hex 38ED58 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  
#38ED58 }
```

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

```
.border{ border-color:#38ED58 }
```

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

Here you see how a box with a 4 pixel #38ED58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38ED58; -webkit-box-shadow:4px 4px  
4px 4px #38ED58; box-shadow:4px 4px 4px  
4px #38ED58 }
```

Background

The CSS property to change the background color of an element to Hex 38ED58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38ED58 }
```

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

```
.background{ background-color:#38ED58 }
```

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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awesome pro features!

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