

# Converting Colors

Hex(38F131)

Have a look what the booklet for  
Hex(38F131) contains.

<b>Hex(38F131)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(38F131)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38F131
RGB	56, 241, 49
RGB Percent	22%, 95%, 19%
CMY	0.7804, 0.0549, 0.8078
CMYK	0.77, 0.00, 0.80, 0.05
HSL	118°, 87%, 57%
HSV	118°, 80%, 95%
XYZ	33.6406, 63.9731, 13.4807
YIQ	163.7970, -48.6280, -98.9320

# Conversions

## Conversions Part 2

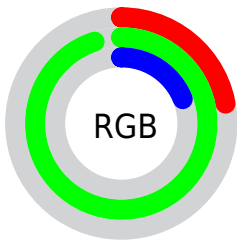
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 241, 234
Decimal	3731761
CIE Lab	83.95, -77.15, 72.65
CIE LCh	84, 105.969, 136.719
Yxy	63.9731, 0.3028, 0.5758
Android (android.graphics.Color)	4281921841 (0xFF38F131)
YUV	163.7970, -56.5949, -94.5380
Hunter-Lab	79.9832, -64.8943, 45.9952

# Details

The Hex color **38F131** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **EA31F1**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **85FF6F**, and **00B700** is the 20% darker color. If you saturate the color by 10%, you get **21F119**, and if you desaturate by 10%, it is **4FF149**.

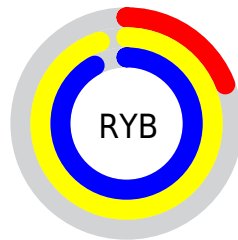
# Distribution



Red (22%)

Green (95%)

Blue (19%)



Red (19%)

Yellow (95%)

Blue (92%)

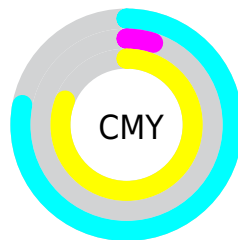


Cyan (77%)

Magenta (0%)

Yellow (80%)

Black (5%)



Cyan (78%)

Magenta (5%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38F131 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 38F131 by changing the saturation by 10% instead.



 38F131

 38F131


FFFFFF

 00D400

 85FF6F

 00B700

 A6FF8C

 009B00

 C6FFA8

 008000

 E6FFC5

 006500

 FFFF E3

 004B00

 003200

 001600

 000000

 38F131

 38F131

 21F119

 4FF149

 0AF101

 66F161

 09F100

 7EF179

 95F191

 ACF1A9

 C3F1C2

 DBF1DA

 F2F1F2

 FFF1FF

# Harmonies

## Analogous

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



C7DE00



38F131



00FAA0

# Triad

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



38F131



00EAFB



FF5B9E

# Complementary

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



38F131



EA31F1

# 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.



FF62FF



38F131



3ACAFF

# Square

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



38F131



00F9FF



FF99FF



FF8D3E

# Rectangle

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



38F131



00FDE6



FF99FF



FF54BF

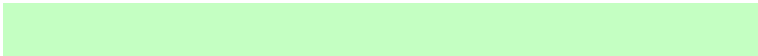


# Sweetspot

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



38F131



C4FFC2



F1E731



5C805B



000000



808080



# Same Dimension

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



38F131



13FF0A



31F187



6C786C



07B800



023800



# Inverse Universe

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



EA31F1



F60AFF



F1319B



776C78



B100B8

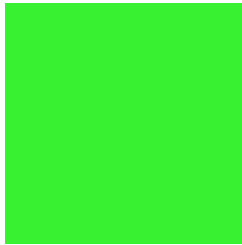


360038



# Previews

## White Background



This preview shows how the Hex color 38F131 looks on a white background.

## Color Contrast Check

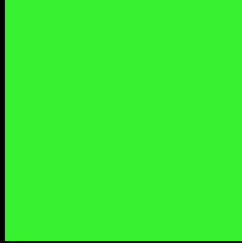
Large Text (above 18pt) WCAG AA × Fail

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 38F131 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 38F131 Background



This preview shows how black text looks on a background with the Hex color 38F131.

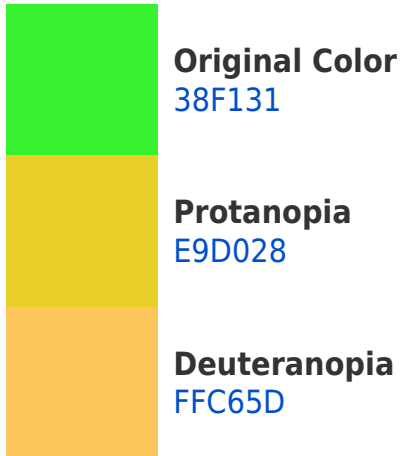


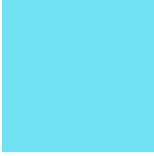
This preview shows how white text looks on a background with the Hex color 38F131.

# 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](#).

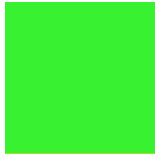
## Dichromacy





**Tritanopia**  
70E0F3

# Trichromacy



**Original Color**  
38F131



**Protanomaly**  
A9DC2B

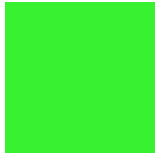


**Deuteranomaly**  
B7D64D



**Tritanomaly**  
5CE6AC

# Monochromacy



**Original Color**  
38F131



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
7DC07A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38F131 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 #38F131 looks like.

```
.text, #text, p{  
    color:#38F131  
}
```

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 #38F131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38F131
}
```

## Border

The CSS property to change the border of an element to Hex 38F131 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
#38F131 }
```

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

```
.border{ border-color:#38F131 }
```

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

Here you see how a box with a 4 pixel #38F131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38F131; -webkit-box-shadow:4px 4px  
4px 4px #38F131; box-shadow:4px 4px 4px  
4px #38F131 }
```

# Background

The CSS property to change the background color of an element to Hex 38F131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38F131 }
```

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

```
.background{ background-color:#38F131 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor