

Converting Colors

Hex(38D81D)

Have a look what the booklet for
Hex(38D81D) contains.

Hex(38D81D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(38D81D)

Conversions

Conversions Part 1

Format	Color
Hex	38D81D
RGB	56, 216, 29
RGB Percent	22%, 85%, 11%
CMY	0.7804, 0.1529, 0.8863
CMYK	0.74, 0.00, 0.87, 0.15
HSL	111°, 76%, 48%
HSV	111°, 87%, 85%
XYZ	26.4085, 50.0412, 9.4294
YIQ	146.8420, -35.3330, -92.0770

Conversions

Conversions Part 2

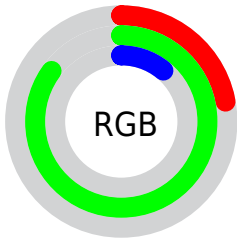
Format	Color
<code>RYB</code>	<code>29, 216, 189</code>
Decimal	<code>3725341</code>
CIELab	<code>76.09, -70.69, 70.30</code>
CIELCh	<code>76, 99.696, 135.160</code>
Yxy	<code>50.0412, 0.3075, 0.5827</code>
Android (<code>android.graphics.Color</code>)	<code>4281915421 (0xFF38D81D)</code>
YUV	<code>146.8420, -58.0961, -79.6684</code>
Hunter-Lab	<code>70.7398, -57.1572, 41.6146</code>

Details

The Hex color **38D81D** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **BD1DD8**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **80FF5E**, and **00A000** is the 20% darker color. If you saturate the color by 10%, you get **26D807**, and if you desaturate by 10%, it is **4AD833**.

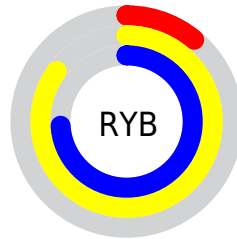
Distribution



Red (22%)

Green (85%)

Blue (11%)



Red (11%)

Yellow (85%)

Blue (74%)

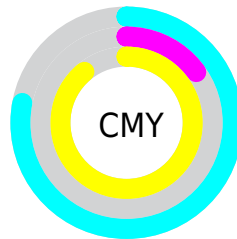


Cyan (74%)

Magenta (0%)

Yellow (87%)

Black (15%)



Cyan (78%)

Magenta (15%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38D81D 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 38D81D by changing the saturation by 10% instead.

 38D81D

 38D81D

FFFFFF

 00BB00

 80FF5E

 00A000

 A0FF7B

 008400

 BFFF98

 006A00

 DEFFB5

 005000

 FDFFD2

 003800

 FFFFEF

 001E00

 000000

 38D81D

 38D81D

 26D807

 4AD833

 1FD800

 5DD848

 6FD85E

 82D873

 94D889

 A7D89F

 B9D8B4

 CCD8CA

 DED8DF

Harmonies

Analogous

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



B7C600



38D81D



00E189

Triad

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



38D81D



00D4FF



FF4A91

Complementary

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



38D81D



BD1DD8

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.



FF54ED



38D81D



00B7FF

Square

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



38D81D



00E1FF



F88AFF



FF7938

Rectangle

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



38D81D



00E3CA



F88AFF



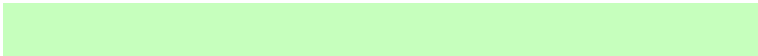
FF44B0

Sweetspot

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



38D81D



C6FFBD



D8BC1D



5E8058



000000



808080

Same Dimension

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



38D81D



25FF00



1DD85E



626B60



19AB00



062B00

Inverse Universe

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



BD1DD8



DA00FF



D81D97



6A606B



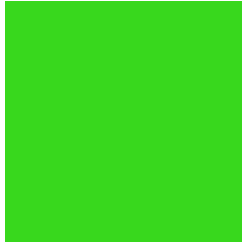
9200AB



25002B

Previews

White Background



This preview shows how the Hex color 38D81D 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 38D81D 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 38D81D Background



This preview shows how black text looks on a background with the Hex color 38D81D.

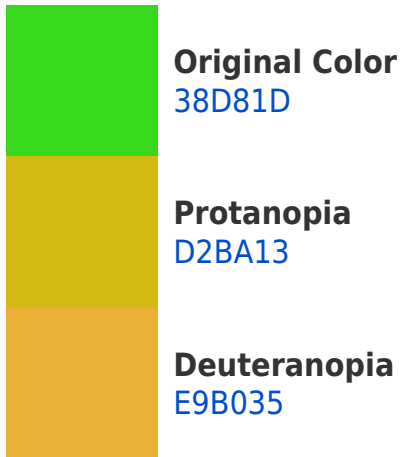


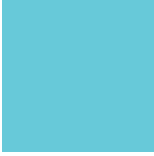
This preview shows how white text looks on a background with the Hex color 38D81D.

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](#).

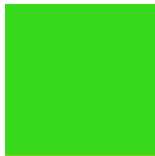
Dichromacy





Tritanopia
67C9D9

Trichromacy



Original Color
38D81D



Protanomaly
9AC517



Deuteranomaly
A9BF2C



Tritanomaly
56CE95

Monochromacy



Original Color
38D81D



Achromatopsia
939393



Achromatomaly
72AC68

CSS Examples

Text

The CSS property to change the color of the text to Hex 38D81D 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 #38D81D looks like.

```
.text, #text, p{  
    color:#38D81D  
}
```

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 #38D81D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38D81D
}
```

Border

The CSS property to change the border of an element to Hex 38D81D 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
#38D81D }
```

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

```
.border{ border-color:#38D81D }
```

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

Here you see how a box with a 4 pixel #38D81D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38D81D; -webkit-box-shadow:4px 4px  
4px 4px #38D81D; box-shadow:4px 4px 4px  
4px #38D81D }
```

Background

The CSS property to change the background color of an element to Hex 38D81D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38D81D }
```

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

```
.background{ background-color:#38D81D }
```

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