

# Converting Colors

Hex(38D015)

Have a look what the booklet for  
Hex(38D015) contains.

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**Color**

**Hex(38D015)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38D015
RGB	56, 208, 21
RGB Percent	22%, 82%, 8%
CMY	0.7804, 0.1843, 0.9176
CMYK	0.73, 0.00, 0.90, 0.18
HSL	109°, 82%, 45%
HSV	109°, 90%, 82%
XYZ	24.3221, 46.0066, 8.3077
YIQ	141.2340, -30.5650, -90.3810

# Conversions

## Conversions Part 2

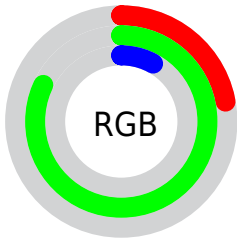
Format	Color
<a href="#">RYB</a>	<a href="#">21, 208, 173</a>
Decimal	<a href="#">3723285</a>
CIELab	<a href="#">73.55, -68.55, 69.57</a>
CIELCh	<a href="#">74, 97.670, 134.579</a>
Yxy	<a href="#">46.0066, 0.3093, 0.5851</a>
Android (android.graphics.Color)	<a href="#">4281913365 (0xFF38D015)</a>
YUV	<a href="#">141.2340, -59.2754, -74.7502</a>
Hunter-Lab	<a href="#">67.8282, -54.6921, 40.2178</a>

# Details

The Hex color **38D015** 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 **AD15D0**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **7FFF59**, and **009800** is the 20% darker color. If you saturate the color by 10%, you get **27D000**, and if you desaturate by 10%, it is **49D02A**.

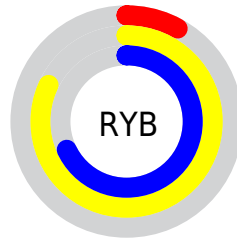
# Distribution



Red (22%)

Green (82%)

Blue (8%)



Red (8%)

Yellow (82%)

Blue (68%)

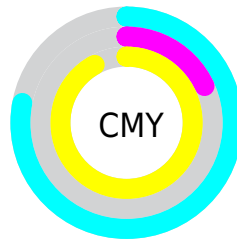


Cyan (73%)

Magenta (0%)

Yellow (90%)

Black (18%)



Cyan (78%)

Magenta (18%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38D015 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 38D015 by changing the saturation by 10% instead.



 38D015

 38D015

FFFFFF

 00B400

 7FFF59

 009800

 9EFF76

 007D00

 BDFF92

 006300

 DCFFAF

 004900

 FBFFCC

 003100

 FFFF E9

 001500

 000000

 38D015

 38D015

 27D000

 49D02A

 5AD03F

 6BD053

 7CD068

 8DD07D

 9DD092

 AED0A7

 BFD0BB

 D0D0D0

# Harmonies

## Analogous

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



B1BE00



38D015



00D982

# Triad

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



38D015



00CCFF



FF448D

# Complementary

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



38D015



AD15D0

# 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.



FF50E7



38D015



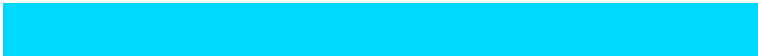
00B1FF

# Square

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



38D015



00D9FF



ED85FF



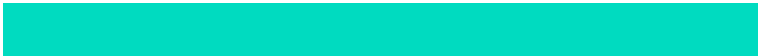
FF7336

# Rectangle

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



38D015



00DBC0



ED85FF



FF3EAB

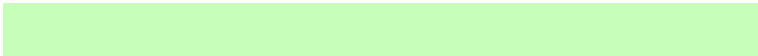


# Sweetspot

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



38D015



C7FFBA



D0AB15



5E8057



000000



808080



# Same Dimension

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



38D015



30FF00



15D04D



60695E



20A800



082900



# Inverse Universe

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



AD15D0



CF00FF



D01598



675E69



8900A8

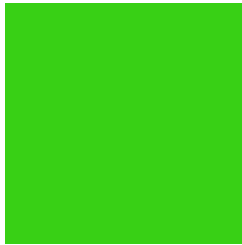


210029



# Previews

## White Background



This preview shows how the Hex color 38D015 looks on a white background.

## Color Contrast Check

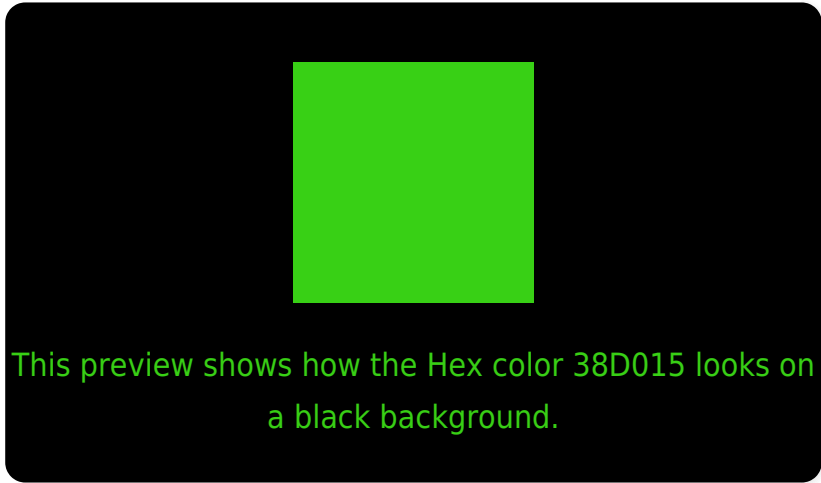
Large Text (above 18pt) WCAG AA × Fail

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

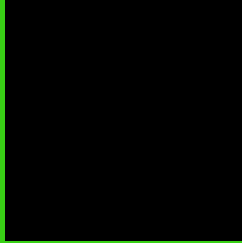
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 38D015 Background



This preview shows how black text looks on a background with the Hex color 38D015.

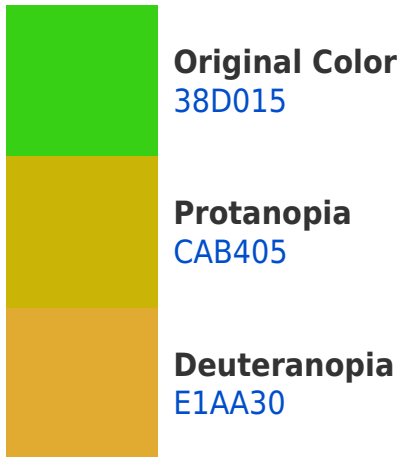


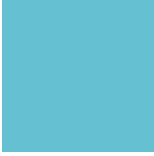
This preview shows how white text looks on a background with the Hex color 38D015.

# 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](#).

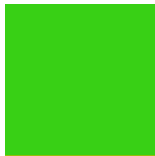
## Dichromacy





**Tritanopia**  
65C1D1

# Trichromacy



**Original Color**  
38D015



**Protanomaly**  
95BE0B



**Deuteranomaly**  
A4B826



**Tritanomaly**  
55C68D

# Monochromacy



**Original Color**  
38D015



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
6EA561

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38D015 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 #38D015 looks like.

```
.text, #text, p{  
    color:#38D015  
}
```

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 #38D015 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38D015
}
```

## Border

The CSS property to change the border of an element to Hex 38D015 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
#38D015 }
```

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

```
.border{ border-color:#38D015 }
```

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

Here you see how a box with a 4 pixel #38D015 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38D015; -webkit-box-shadow:4px 4px  
4px 4px #38D015; box-shadow:4px 4px 4px  
4px #38D015 }
```

# Background

The CSS property to change the background color of an element to Hex 38D015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38D015 }
```

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

```
.background{ background-color:#38D015 }
```

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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