

Converting Colors

Hex(37D019)

Have a look what the booklet for
Hex(37D019) contains.

Hex(37D019)	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(37D019)

Conversions

Conversions Part 1

Format	Color
Hex	37D019
RGB	55, 208, 25
RGB Percent	22%, 82%, 10%
CMY	0.7843, 0.1843, 0.9020
CMYK	0.74, 0.00, 0.88, 0.18
HSL	110°, 79%, 46%
HSV	110°, 88%, 82%
XYZ	24.3069, 45.9942, 8.5164
YIQ	141.3910, -32.4450, -89.3490

Conversions

Conversions Part 2

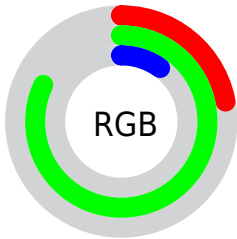
Format	Color
RYB	25, 208, 178
Decimal	3657753
CIELab	73.54, -68.58, 68.85
CIELCh	74, 97.182, 134.889
Yxy	45.9942, 0.3084, 0.5836
Android (android.graphics.Color)	4281847833 (0xFF37D019)
YUV	141.3910, -57.3808, -75.7649
Hunter-Lab	67.8190, -54.7074, 40.0280

Details

The Hex color **37D019** 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 **B219D0**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **7EFF5B**, and **009800** is the 20% darker color. If you saturate the color by 10%, you get **26D004**, and if you desaturate by 10%, it is **48D02E**.

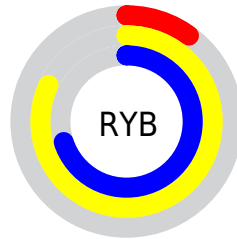
Distribution



Red (22%)

Green (82%)

Blue (10%)



Red (10%)

Yellow (82%)

Blue (70%)

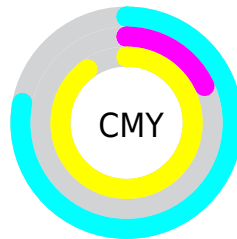


Cyan (74%)

Magenta (0%)

Yellow (88%)

Black (18%)



Cyan (78%)

Magenta (18%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37D019 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 37D019 by changing the saturation by 10% instead.

 37D019

 37D019

FFFFFF

 00B400


 7EFF5B

 009800

 9DFF78

 007D00

 BCFF94

 006300

 DBFFB1

 004900

 FAFFCE

 003100

 FFFFEB

 001500

 000000

 37D019

 37D019

■ 26D004

■ 48D02E

■ 22D000

■ 5AD043

■ 6BD057

■ 7DD06C

■ 8ED081

■ 9FD096

■ B1D0AB

■ C2D0BF

■ D4D0D4

Harmonies

Analogous

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



B1BE00



37D019



00D983

Triad

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



37D019



00CCFF



FF468D

Complementary

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



37D019



B219D0

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.



FF51E6



37D019



00B1FF

Square

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



37D019



00D9FF



EE85FF



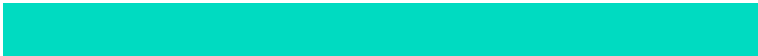
FF7436

Rectangle

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



37D019



00DBC1



EE85FF



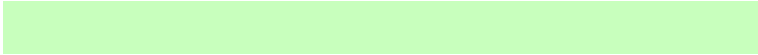
FF40AA

Sweetspot

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



37D019



C8FFBD



D0B219



5E8058



000000



808080

Same Dimension

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



37D019



2AFF00



19D056



60695E



1CA800



072900

Inverse Universe

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



B219D0



D500FF



D01993



675E69



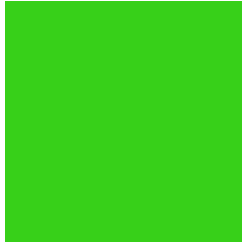
8D00A8



220029

Previews

White Background



This preview shows how the Hex color 37D019 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 37D019 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

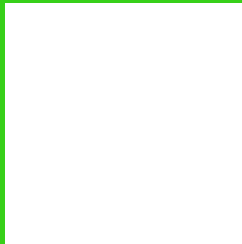
Any Text WCAG AAA ✓ Pass

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

Hex 37D019 Background



This preview shows how black text looks on a background with the Hex color 37D019.

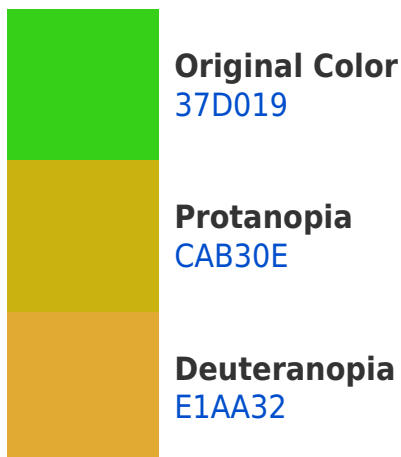


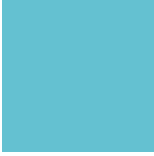
This preview shows how white text looks on a background with the Hex color 37D019.

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](#).

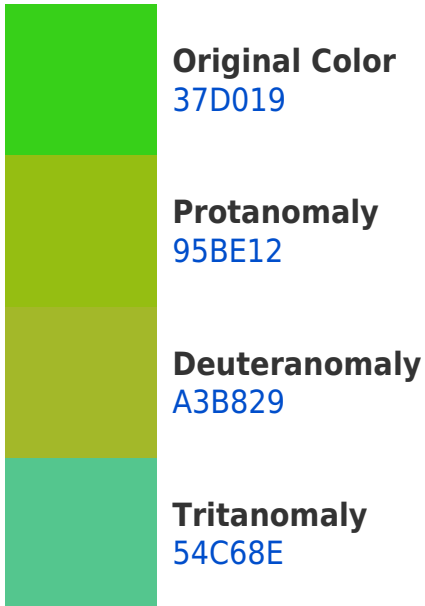
Dichromacy



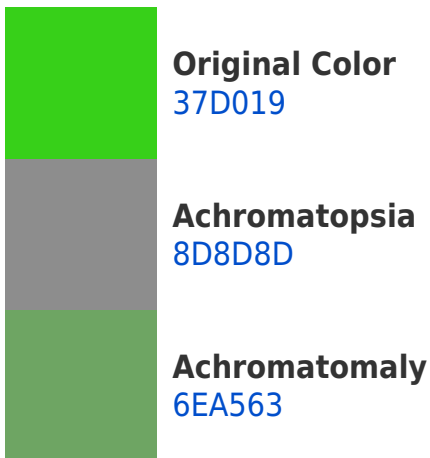


Tritanopia
64C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37D019 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 #37D019 looks like.

```
.text, #text, p{  
    color:#37D019  
}
```

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 #37D019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37D019
}
```

Border

The CSS property to change the border of an element to Hex 37D019 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
#37D019 }
```

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

```
.border{ border-color:#37D019 }
```

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

Here you see how a box with a 4 pixel #37D019 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37D019; -webkit-box-shadow:4px 4px  
4px 4px #37D019; box-shadow:4px 4px 4px  
4px #37D019 }
```

Background

The CSS property to change the background color of an element to Hex 37D019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37D019 }
```

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

```
.background{ background-color:#37D019 }
```

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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