

Converting Colors

Hex(37D41C)

Have a look what the booklet for
Hex(37D41C) contains.

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Color

Hex(37D41C)

Conversions

Conversions Part 1

Format	Color
Hex	37D41C
RGB	55, 212, 28
RGB Percent	22%, 83%, 11%
CMY	0.7843, 0.1686, 0.8902
CMYK	0.74, 0.00, 0.87, 0.17
HSL	111°, 77%, 47%
HSV	111°, 87%, 83%
XYZ	25.3286, 47.9830, 9.0253
YIQ	144.0810, -34.5080, -90.5080

Conversions

Conversions Part 2

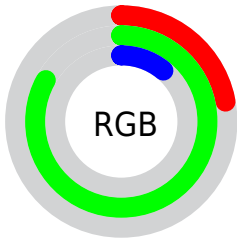
Format	Color
R_YB	28, 212, 185
Decimal	3658780
CIE Lab	74.81, -69.68, 69.37
CIE LCh	75, 98.329, 135.128
Yxy	47.9830, 0.3076, 0.5828
Android (android.graphics.Color)	4281848860 (0xFF37D41C)
YUV	144.0810, -57.2279, -78.1240
Hunter-Lab	69.2698, -55.9533, 40.7638

Details

The Hex color **37D41C** 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 **B91CD4**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **7FFF5D**, and **009C00** is the 20% darker color. If you saturate the color by 10%, you get **25D407**, and if you desaturate by 10%, it is **49D431**.

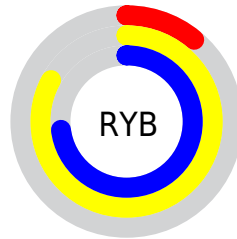
Distribution



Red (22%)

Green (83%)

Blue (11%)



Red (11%)

Yellow (83%)

Blue (73%)

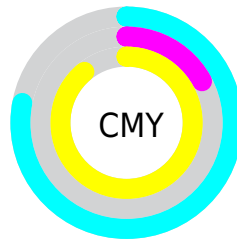


Cyan (74%)

Magenta (0%)

Yellow (87%)

Black (17%)



Cyan (78%)

Magenta (17%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37D41C 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 37D41C by changing the saturation by 10% instead.

 37D41C

 37D41C

FFFFFF

 00B800

 7FFF5D

 009C00

 9EFF7A

 008100

 BDF96

 006600

 DCFFB3

 004C00

 FBFFD0

 003500

 FFFFEE

 001900

 000000

 37D41C

 37D41C

 25D407


 49D431

 1FD400

 5BD446

 6DD45C

 7FD471

 91D486

 A4D49B

 B6D4B0

 C8D4C6

 DAD4DB

Harmonies

Analogous

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



B3C200



37D41C



00DD86

Triad

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



37D41C



00D0FF



FF488F

Complementary

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



37D41C



B91CD4

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.



FF53E9



37D41C



00B4FF

Square

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



37D41C



00DDFF



F387FF



FF7737

Rectangle

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



37D41C



00DFC6



F387FF



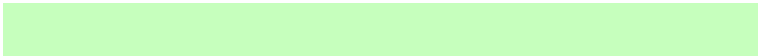
FF42AD

Sweetspot

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



37D41C



C6FFBD



D4B81C



5E8058



000000



808080

Same Dimension

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



37D41C



25FF00



1CD45C



626B60



19AB00



062B00

Inverse Universe

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



B91CD4



DA00FF



D41C94



6A606B



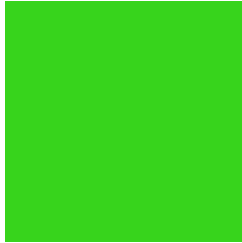
9200AB



25002B

Previews

White Background



This preview shows how the Hex color 37D41C looks on a white background.

Color Contrast Check

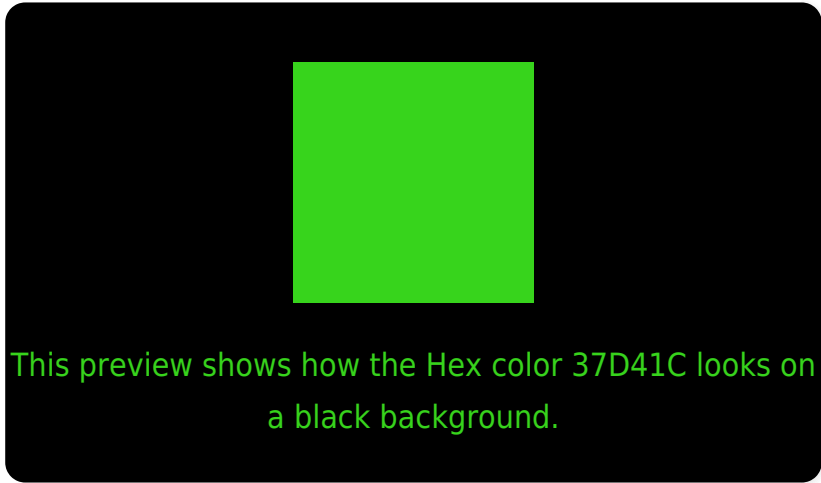
Large Text (above 18pt) WCAG AA × Fail

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 37D41C Background



This preview shows how black text looks on a background with the Hex color 37D41C.

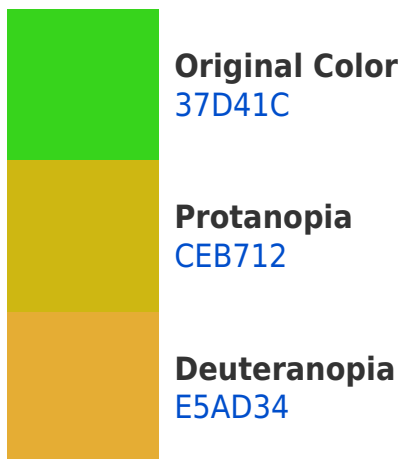


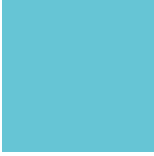
This preview shows how white text looks on a background with the Hex color 37D41C.

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](#).

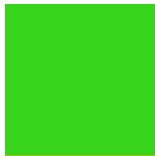
Dichromacy





Tritanopia
66C5D5

Trichromacy



Original Color
37D41C



Protanomaly
97C216



Deuteranomaly
A6BB2B



Tritanomaly
55CA92

Monochromacy



Original Color
37D41C



Achromatopsia
909090



Achromatomaly
70A966

CSS Examples

Text

The CSS property to change the color of the text to Hex 37D41C 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 #37D41C looks like.

```
.text, #text, p{  
    color:#37D41C  
}
```

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 #37D41C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37D41C
}
```

Border

The CSS property to change the border of an element to Hex 37D41C 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
#37D41C }
```

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

```
.border{ border-color:#37D41C }
```

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

Here you see how a box with a 4 pixel #37D41C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37D41C; -webkit-box-shadow:4px 4px  
4px 4px #37D41C; box-shadow:4px 4px 4px  
4px #37D41C }
```

Background

The CSS property to change the background color of an element to Hex 37D41C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37D41C }
```

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

```
.background{ background-color:#37D41C }
```

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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