

Converting Colors

Hex(37D044)

Have a look what the booklet for
Hex(37D044) contains.

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Color

Hex(37D044)

Conversions

Conversions Part 1

Format	Color
Hex	37D044
RGB	55, 208, 68
RGB Percent	22%, 82%, 27%
CMY	0.7843, 0.1843, 0.7333
CMYK	0.74, 0.00, 0.67, 0.18
HSL	125°, 62%, 52%
HSV	125°, 74%, 82%
XYZ	25.1748, 46.3413, 13.0868
YIQ	146.2930, -46.2480, -75.9760

Conversions

Conversions Part 2

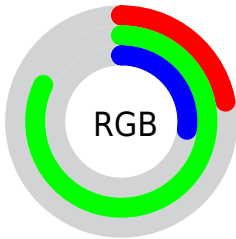
Format	Color
RYB	55, 196, 208
Decimal	3657796
CIELab	73.77, -65.82, 56.07
CIELCh	74, 86.464, 139.574
Yxy	46.3413, 0.2976, 0.5478
Android (android.graphics.Color)	4281847876 (0xFF37D044)
YUV	146.2930, -38.5984, -80.0640
Hunter-Lab	68.0745, -53.1187, 36.2541

Details

The Hex color **37D044** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **D037C3**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **7CFF7A**, and **009800** is the 20% darker color. If you saturate the color by 10%, you get **22D031**, and if you desaturate by 10%, it is **4CD057**.

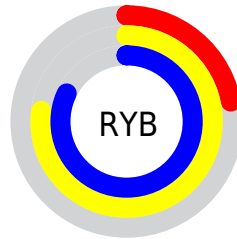
Distribution



Red (22%)

Green (82%)

Blue (27%)



Red (22%)

Yellow (77%)

Blue (82%)

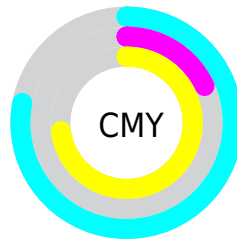


Cyan (74%)

Magenta (0%)

Yellow (67%)

Black (18%)



Cyan (78%)

Magenta (18%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37D044 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 37D044 by changing the saturation by 10% instead.

 37D044

 37D044

FFFFFF

 00B427

 7CFF7A

 009800

 9BFF96

 007D00

 BAFFB2

 006300

 D8FFCE

 004900

 F7FFEB

 003200

 001600

 000000

 37D044

 37D044

■ 22D031

■ 4CD057

■ 0DD01E

■ 61D06A

■ 00D012

■ 75D07D

■ 8AD090

■ 9FD0A3

■ B4D0B6

■ C9D0C9

■ DDD0DC

■ F2D0EF

Harmonies

Analogous

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



A8C100



37D044



00D796

Triad

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



37D044



00C7FF



FF6285

Complementary

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



37D044



D037C3

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.



FF62D5



37D044



71ACFF

Square

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



37D044



00D5FF



F886FF



FF853B

Rectangle

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



37D044



00D9CD



F886FF



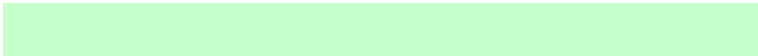
FF5D9F

Sweetspot

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



37D044



C7FFCC



C3D037



5E8061



000000



808080

Same Dimension

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



37D044



1FFF32



37D090



5E695F



00A80E



002903

Inverse Universe

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



D037C3



FF1FEC



D03777



695E68



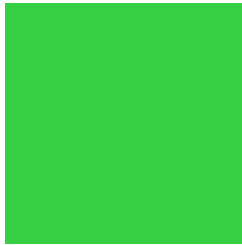
A8009A



290025

Previews

White Background



This preview shows how the Hex color 37D044 looks on a white background.

Color Contrast Check

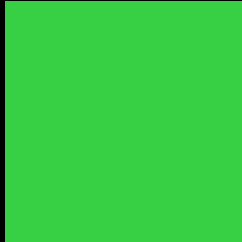
Large Text (above 18pt) WCAG AA × Fail

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 37D044 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 37D044 Background



This preview shows how black text looks on a background with the Hex color 37D044.

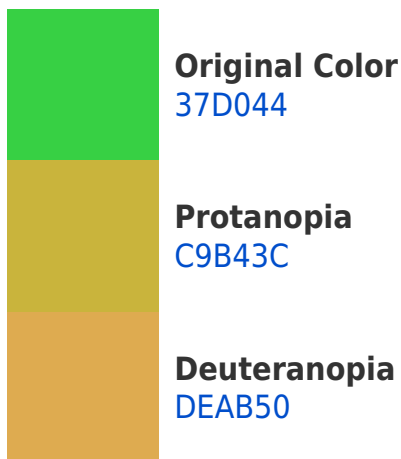


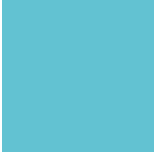
This preview shows how white text looks on a background with the Hex color 37D044.

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
62C2D2

Trichromacy



Original Color
37D044



Protanomaly
94BE3F



Deuteranomaly
A1B84C



Tritanomaly
52C79E

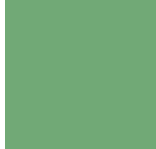
Monochromacy



Original Color
37D044



Achromatopsia
929292



Achromatomaly
71A976

CSS Examples

Text

The CSS property to change the color of the text to Hex 37D044 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 #37D044 looks like.

```
.text, #text, p{  
    color:#37D044  
}
```

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 #37D044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37D044
}
```

Border

The CSS property to change the border of an element to Hex 37D044 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
#37D044 }
```

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

```
.border{ border-color:#37D044 }
```

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

Here you see how a box with a 4 pixel #37D044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37D044; -webkit-box-shadow:4px 4px  
4px 4px #37D044; box-shadow:4px 4px 4px  
4px #37D044 }
```

Background

The CSS property to change the background color of an element to Hex 37D044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37D044 }
```

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

```
.background{ background-color:#37D044 }
```

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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