

Converting Colors

Hex(37D128)

Have a look what the booklet for
Hex(37D128) contains.

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Color

Hex(37D128)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 37D128 |
| RGB | 55, 209, 40 |
| RGB Percent | 22%, 82%, 16% |
| CMY | 0.7843, 0.1804, 0.8431 |
| CMYK | 0.74, 0.00, 0.81, 0.18 |
| HSL | 115°, 68%, 49% |
| HSV | 115°, 81%, 82% |
| XYZ | 24.7590, 46.5664, 9.6908 |
| YIQ | 143.6880, -37.5350, -85.2070 |

Conversions

Conversions Part 2

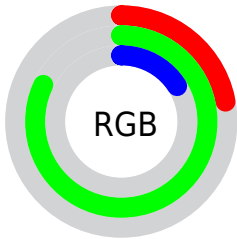
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 40, 209, 194 |
| Decimal | 3658024 |
| CIELab | 73.91, -68.22, 65.72 |
| CIELCh | 74, 94.732, 136.069 |
| Yxy | 46.5664, 0.3056, 0.5748 |
| Android (android.graphics.Color) | 4281848104 (0xFF37D128) |
| YUV | 143.6880, -51.1182, -77.7794 |
| Hunter-Lab | 68.2395, -54.6549, 39.3479 |

Details

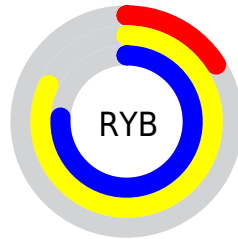
The Hex color **37D128** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **C228D1**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7EFF64**, and **009900** is the 20% darker color. If you saturate the color by 10%, you get **24D113**, and if you desaturate by 10%, it is **4AD13D**.

Distribution



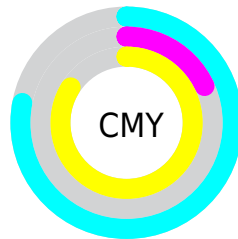
- Red (22%)
- Green (82%)
- Blue (16%)



- Red (16%)
- Yellow (82%)
- Blue (76%)



- Cyan (74%)
- Magenta (0%)
- Yellow (81%)
- Black (18%)



- Cyan (78%)
- Magenta (18%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37D128 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 37D128 by changing the saturation by 10% instead.

 37D128

 37D128

FFFFFF

 00B500


 7EFF64

 009900

 9DFF80

 007E00

 BCFF9C

 006300

 DBFFB9

 004A00

 FAFFD6

 003200

 FFFFF3

 001600

 000000

 37D128

 37D128

■ 24D113

■ 4AD13D

■ 13D100

■ 5DD152

■ 70D167

■ 83D17C

■ 96D191

■ A9D1A5

■ BCD1BA

■ CFD1CF

■ E2D1E4

Harmonies

Analogous

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



AFC000



37D128



00D989

Triad

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



37D128



00CCFF



FF4F8B

Complementary

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



37D128



C228D1

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.



FF56E2



37D128



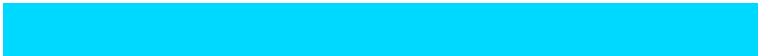
25B0FF

Square

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



37D128



00D9FF



F286FF



FF7937

Rectangle

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



37D128



00DCC6



F286FF



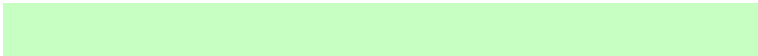
FF49A8

Sweetspot

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



37D128



C7FFC2



D1C028



5E805B



000000



808080

Same Dimension

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



37D128



1EFF08



28D16C



5F695E



0FA800



042900

Inverse Universe

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



C228D1



E908FF



D1288D



685E69



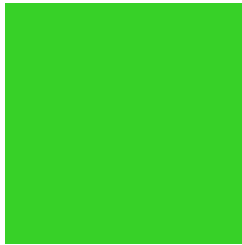
9900A8



250029

Previews

White Background



This preview shows how the Hex color 37D128 looks on a white background.

Color Contrast Check

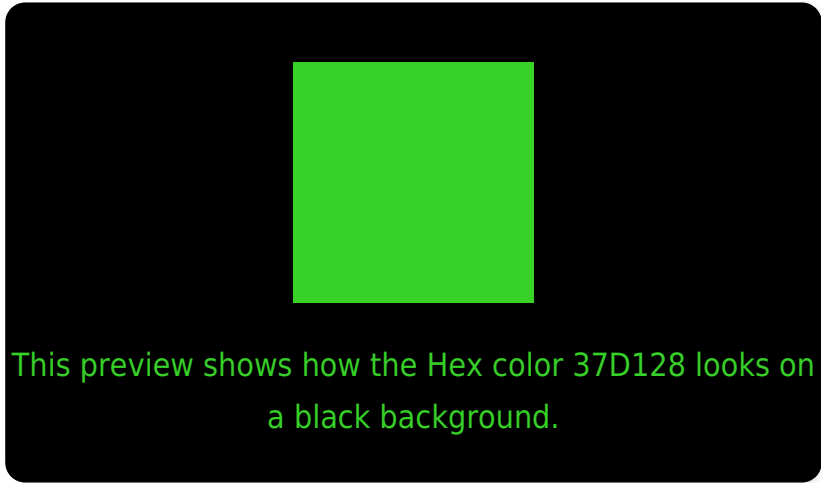
Large Text (above 18pt) WCAG AA × Fail

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 37D128 Background



This preview shows how black text looks on a background with the Hex color 37D128.



This preview shows how white text looks on a background with the Hex color 37D128.

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](#).

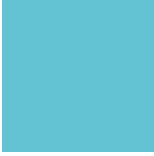
Dichromacy



Original Color
37D128

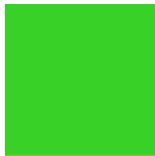
Protanopia
CBB420

Deuteranopia
E1AB3B



Tritanopia
64C3D2

Trichromacy



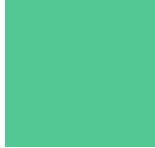
Original Color
37D128



Protanomaly
95BF23



Deuteranomaly
A3B934



Tritanomaly
54C894

Monochromacy



Original Color
37D128



Achromatopsia
909090



Achromatomaly
70A86A

CSS Examples

Text

The CSS property to change the color of the text to Hex 37D128 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 #37D128 looks like.

```
.text, #text, p{  
    color:#37D128  
}
```

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 #37D128 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37D128
}
```

Border

The CSS property to change the border of an element to Hex 37D128 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
#37D128 }
```

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

```
.border{ border-color:#37D128 }
```

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

Here you see how a box with a 4 pixel #37D128 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37D128; -webkit-box-shadow:4px 4px  
4px 4px #37D128; box-shadow:4px 4px 4px  
4px #37D128 }
```

Background

The CSS property to change the background color of an element to Hex 37D128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37D128 }
```

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

```
.background{ background-color:#37D128 }
```

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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