

Converting Colors

Hex(37D389)

Have a look what the booklet for
Hex(37D389) contains.

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Color

Hex(37D389)

Conversions

Conversions Part 1

Format	Color
Hex	37D389
RGB	55, 211, 137
RGB Percent	22%, 83%, 54%
CMY	0.7843, 0.1725, 0.4627
CMYK	0.74, 0.00, 0.35, 0.17
HSL	152°, 64%, 52%
HSV	152°, 74%, 83%
XYZ	29.3852, 49.2069, 31.6160
YIQ	155.9200, -69.2220, -56.0860

Conversions

Conversions Part 2

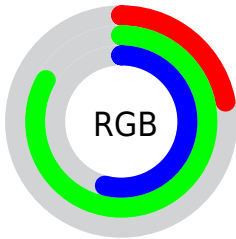
Format	Color
RYB	55, 157, 211
Decimal	3658633
CIELab	75.58, -56.65, 25.46
CIELCh	76, 62.108, 155.801
Yxy	49.2069, 0.2666, 0.4465
Android (android.graphics.Color)	4281848713 (0xFF37D389)
YUV	155.9200, -9.3276, -88.5068
Hunter-Lab	70.1476, -47.9839, 22.3809

Details

The Hex color **37D389** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **D33781**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **7BFFBF**, and **009B56** is the 20% darker color. If you saturate the color by 10%, you get **22D37F**, and if you desaturate by 10%, it is **4CD393**.

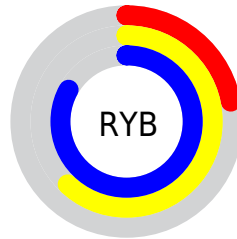
Distribution



Red (22%)

Green (83%)

Blue (54%)



Red (22%)

Yellow (62%)

Blue (83%)

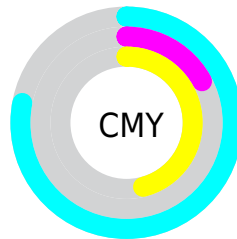


Cyan (74%)

Magenta (0%)

Yellow (35%)

Black (17%)



Cyan (78%)

Magenta (17%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37D389 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 37D389 by changing the saturation by 10% instead.

 37D389

 37D389

FFFFFF

 00B76F

 7BFFBF

 009B56

 9AFFDB

 00803F

 B8FFF7

 006628

 D7FFF7

 004D11

 F5FFF7

 003500

 001C00

 000000

 37D389

 37D389

■ 22D37F

■ 4CD393

■ 0DD375

■ 61D39D

■ 00D36F

■ 76D3A7

■ 8BD3B1

■ A1D3BB

■ B6D3C5

■ CBD3CF

■ E0D3D9

■ F5D3E3

Harmonies

Analogous

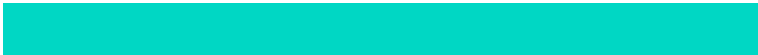
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93CA58



37D389



00D7C4

Triad

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



37D389



5EBDFE



FF917A

Complementary

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



37D389



D33781

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.



FF87B1



37D389



CCA7FF

Square

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



37D389



00CDFE



FF90EA



FFA650

Rectangle

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



37D389



00D6EA



FF90EA



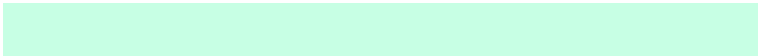
FF8C8C

Sweetspot

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



37D389



C7FFE4



82D337



5E8070



000000



808080

Same Dimension

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



37D389



1CFF93



37D0D3



5E6964



00A858



002915

Inverse Universe

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



D33781



FF1C88



D33A37



695E63



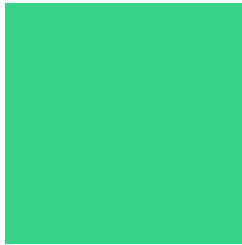
A80050



290013

Previews

White Background



This preview shows how the Hex color 37D389 looks on a white background.

Color Contrast Check

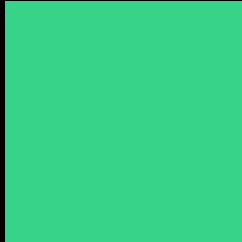
Large Text (above 18pt) WCAG AA × Fail

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 37D389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

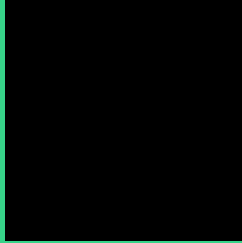
Any Text WCAG AA ✓ Pass

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 37D389 Background



This preview shows how black text looks on a background with the Hex color 37D389.

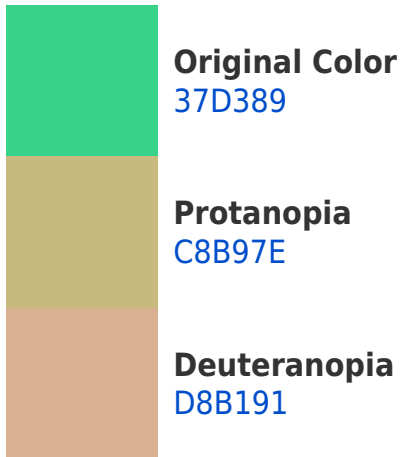


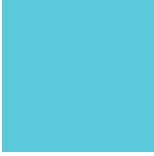
This preview shows how white text looks on a background with the Hex color 37D389.

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](#).

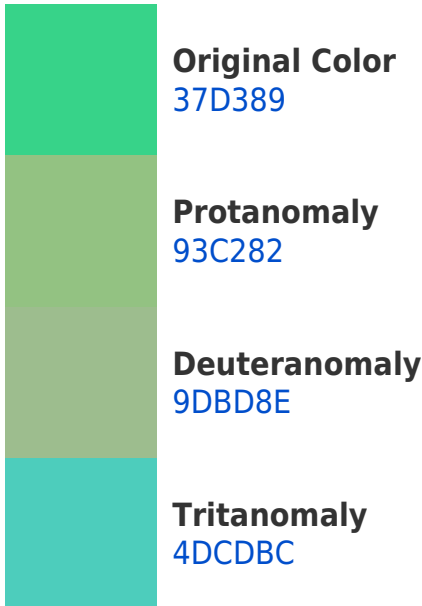
Dichromacy





Tritanopia
5AC9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37D389 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 #37D389 looks like.

```
.text, #text, p{  
    color:#37D389  
}
```

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 #37D389 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37D389
}
```

Border

The CSS property to change the border of an element to Hex 37D389 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
#37D389 }
```

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

```
.border{ border-color:#37D389 }
```

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

Here you see how a box with a 4 pixel #37D389 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37D389; -webkit-box-shadow:4px 4px  
4px 4px #37D389; box-shadow:4px 4px 4px  
4px #37D389 }
```

Background

The CSS property to change the background color of an element to Hex 37D389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37D389 }
```

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

```
.background{ background-color:#37D389 }
```

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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