

Converting Colors

Hex(30D739)

Have a look what the booklet for
Hex(30D739) contains.

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Color

Hex(30D739)

Conversions

Conversions Part 1

Format	Color
Hex	30D739
RGB	48, 215, 57
RGB Percent	19%, 84%, 22%
CMY	0.8118, 0.1569, 0.7765
CMYK	0.78, 0.00, 0.73, 0.16
HSL	123°, 68%, 52%
HSV	123°, 78%, 84%
XYZ	26.2579, 49.5247, 12.0462
YIQ	147.0550, -48.8140, -84.5420

Conversions

Conversions Part 2

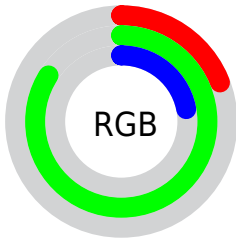
Format	Color
RYB	48, 206, 215
Decimal	3200825
CIELab	75.78, -69.94, 62.22
CIELCh	76, 93.616, 138.343
Yxy	49.5247, 0.2990, 0.5639
Android (android.graphics.Color)	4281390905 (0xFF30D739)
YUV	147.0550, -44.3971, -86.8712
Hunter-Lab	70.3738, -56.5521, 39.1127

Details

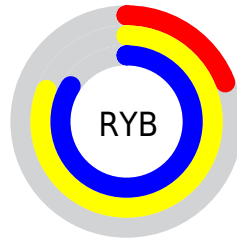
The Hex color **30D739** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark muted green. A complement of this color would be **D730CE**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7AFF72**, and **009F00** is the 20% darker color. If you saturate the color by 10%, you get **1BD725**, and if you desaturate by 10%, it is **46D74D**.

Distribution



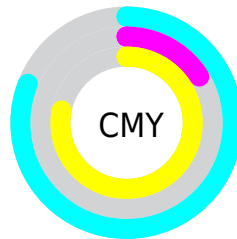
- Red (19%)
- Green (84%)
- Blue (22%)



- Red (19%)
- Yellow (81%)
- Blue (84%)



- Cyan (78%)
- Magenta (0%)
- Yellow (73%)
- Black (16%)



- Cyan (81%)
- Magenta (16%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30D739 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 30D739 by changing the saturation by 10% instead.

 30D739

 30D739

FFFFFF

 00BA17

 7AFF72

 009F00

 9AFF8D

 008300

 B9FFA9

 006900

 D8FFC6

 004F00

 F7FFE3

 003700

 001D00

 000000

 30D739

 30D739

 1BD725

 46D74D

 05D710

 5BD762

 00D70C

 71D776

 86D78A

 9CD79F

 B1D7B3

 C7D7C7

 DCD7DC

 F2D7F0

Harmonies

Analogous

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



AEC700



30D739



00DF95

Triad

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



30D739



00CFFF



FF5A8A

Complementary

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



30D739



D730CE

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.



FF5CE0



30D739



5CB3FF

Square

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



30D739



00DDFF



FF88FF



FF8337

Rectangle

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



30D739



00E1D1



FF88FF



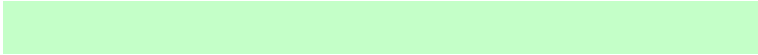
FF54A6

Sweetspot

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



30D739



C4FFC8



CFD730



5C805E



000000



808080

Same Dimension

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



30D739



12FF1F



30D78C



606B61



00AB09



002B02

Inverse Universe

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



D730CE



FF12F2



D7307B



6B606B



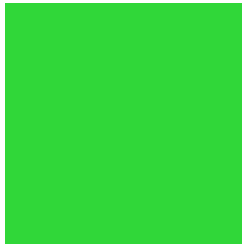
AB00A2



2B0029

Previews

White Background



This preview shows how the Hex color 30D739 looks on a white background.

Color Contrast Check

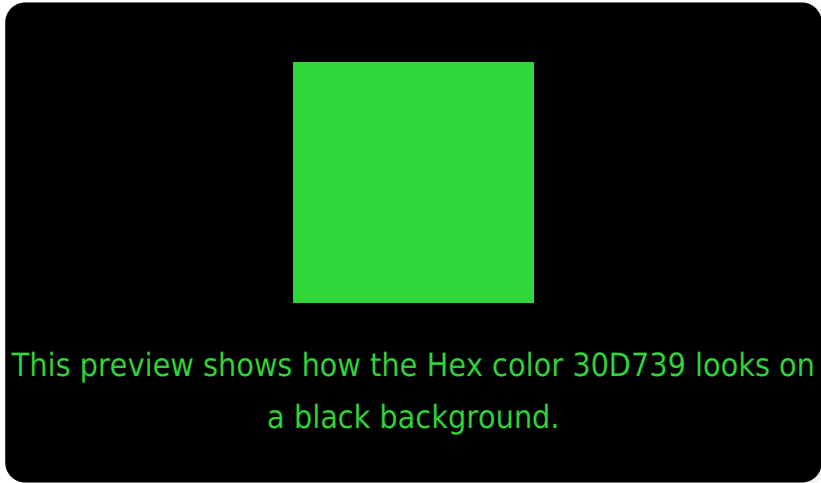
Large Text (above 18pt) WCAG AA × Fail

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 30D739 Background



This preview shows how black text looks on a background with the Hex color 30D739.

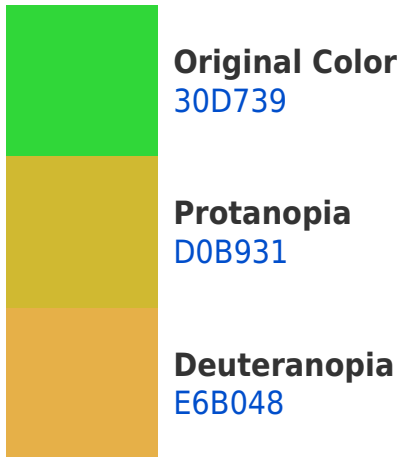


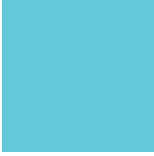
This preview shows how white text looks on a background with the Hex color 30D739.

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](#).

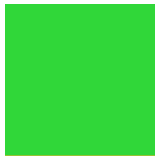
Dichromacy





Tritanopia
62C9D9

Trichromacy



Original Color
30D739



Protanomaly
96C434



Deuteranomaly
A4BE43



Tritanomaly
50CE9F

Monochromacy



Original Color
30D739



Achromatopsia
939393



Achromatomaly
6FAC72

CSS Examples

Text

The CSS property to change the color of the text to Hex 30D739 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 #30D739 looks like.

```
.text, #text, p{  
    color:#30D739  
}
```

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 #30D739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30D739
}
```

Border

The CSS property to change the border of an element to Hex 30D739 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
#30D739 }
```

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

```
.border{ border-color:#30D739 }
```

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

Here you see how a box with a 4 pixel #30D739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30D739; -webkit-box-shadow:4px 4px  
4px 4px #30D739; box-shadow:4px 4px 4px  
4px #30D739 }
```

Background

The CSS property to change the background color of an element to Hex 30D739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30D739 }
```

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

```
.background{ background-color:#30D739 }
```

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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