

Converting Colors

Hex(30CF7D)

Have a look what the booklet for
Hex(30CF7D) contains.

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Color

Hex(30CF7D)

Conversions

Conversions Part 1

Format	Color
Hex	30CF7D
RGB	48, 207, 125
RGB Percent	19%, 81%, 49%
CMY	0.8118, 0.1882, 0.5098
CMYK	0.77, 0.00, 0.40, 0.19
HSL	149°, 62%, 50%
HSV	149°, 77%, 81%
XYZ	27.2334, 46.7347, 26.9874
YIQ	150.1110, -68.4420, -59.2100

Conversions

Conversions Part 2

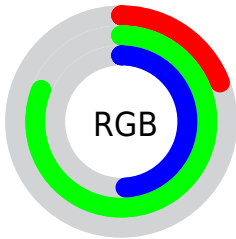
Format	Color
RYB	48, 155, 207
Decimal	3198845
CIELab	74.02, -58.39, 29.58
CIELCh	74, 65.451, 153.136
Yxy	46.7347, 0.2698, 0.4629
Android (android.graphics.Color)	4281388925 (0xFF30CF7D)
YUV	150.1110, -12.3797, -89.5513
Hunter-Lab	68.3628, -48.5265, 24.4482

Details

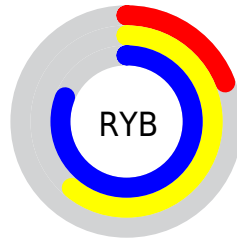
The Hex color **30CF7D** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CF3082**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **76FFB2**, and **00974B** is the 20% darker color. If you saturate the color by 10%, you get **1BCF72**, and if you desaturate by 10%, it is **45CF88**.

Distribution



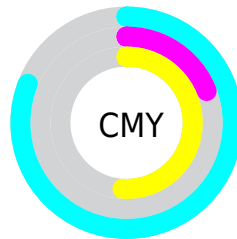
- Red (19%)
- Green (81%)
- Blue (49%)



- Red (19%)
- Yellow (61%)
- Blue (81%)



- Cyan (77%)
- Magenta (0%)
- Yellow (40%)
- Black (19%)



- Cyan (81%)
- Magenta (19%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30CF7D 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 30CF7D by changing the saturation by 10% instead.

 30CF7D

 30CF7D

FFFFFF

 00B364

 76FFB2

 00974B

 95FFCE

 007C33

 B3FFEA

 00621C

 D2FFFF

 004903

 F0FFFF

 003200

 001700

 000000

 30CF7D

 30CF7D

 1BCF72

 45CF88

 07CF68

 59CF92

 00CF64

 6ECF9D

 83CFA8

 98CFB2

 ACCFBD

 C1CFC8

 D6CFD2

 EACFDD

Harmonies

Analogous

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



93C54A



30CF7D



00D3BB

Triad

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



30CF7D



33BBFF



FF8878

Complementary

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



30CF7D



CF3082

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.



FF7EB2



30CF7D



C0A3FF

Square

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



30CF7D



00CAFF



FF8BED



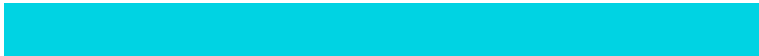
FF9F49

Rectangle

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



30CF7D



00D3E3



FF8BED



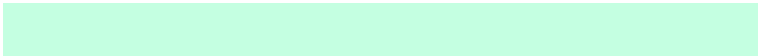
FF838A

Sweetspot

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



30CF7D



C4FFE1



82CF30



5C806D



000000



808080

Same Dimension

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



30CF7D



14FF86



30CFCC



5E6963



00A852



002914

Inverse Universe

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



CF3082



FF148D



CF3033



695E63



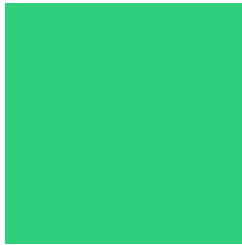
A80057



290015

Previews

White Background



This preview shows how the Hex color 30CF7D looks on a white background.

Color Contrast Check

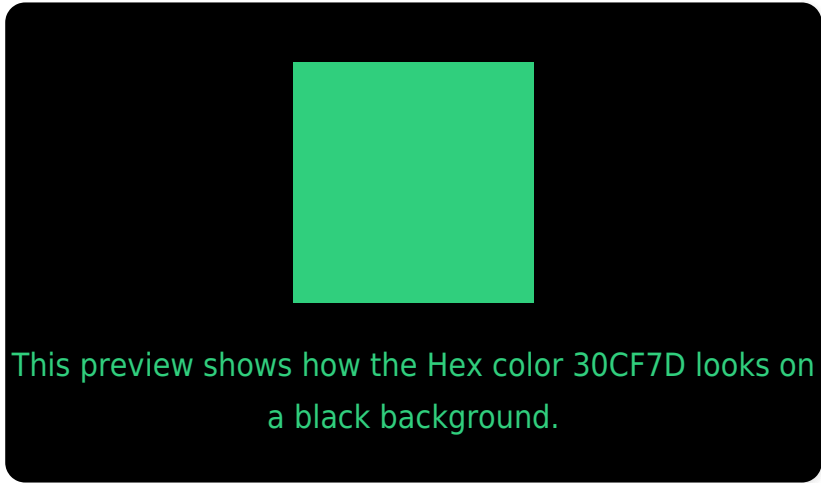
Large Text (above 18pt) WCAG AA × Fail

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

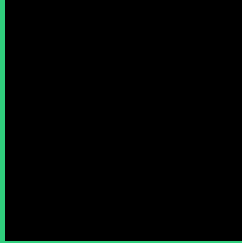
Any Text WCAG AA ✓ Pass

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 30CF7D Background



This preview shows how black text looks on a background with the Hex color 30CF7D.

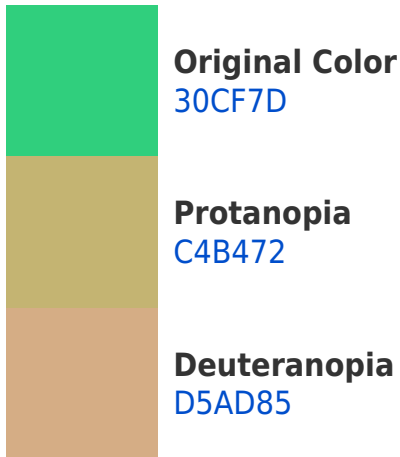


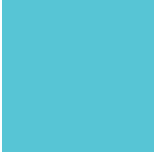
This preview shows how white text looks on a background with the Hex color 30CF7D.

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
57C5D5

Trichromacy



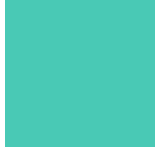
Original Color
30CF7D



Protanomaly
8EBE76



Deuteranomaly
99B982



Tritanomaly
49C9B5

Monochromacy



Original Color
30CF7D



Achromatopsia
969696



Achromatomaly
71AB8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 30CF7D 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 #30CF7D looks like.

```
.text, #text, p{  
    color:#30CF7D  
}
```

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 #30CF7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30CF7D
}
```

Border

The CSS property to change the border of an element to Hex 30CF7D 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
#30CF7D }
```

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

```
.border{ border-color:#30CF7D }
```

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

Here you see how a box with a 4 pixel #30CF7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30CF7D; -webkit-box-shadow:4px 4px  
4px 4px #30CF7D; box-shadow:4px 4px 4px  
4px #30CF7D }
```

Background

The CSS property to change the background color of an element to Hex 30CF7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30CF7D }
```

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

```
.background{ background-color:#30CF7D }
```

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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