

Converting Colors

Hex(30C86D)

Have a look what the booklet for
Hex(30C86D) contains.

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Color

Hex(30C86D)

Conversions

Conversions Part 1

Format	Color
Hex	30C86D
RGB	48, 200, 109
RGB Percent	19%, 78%, 43%
CMY	0.8118, 0.2157, 0.5725
CMYK	0.76, 0.00, 0.45, 0.22
HSL	144°, 61%, 49%
HSV	144°, 76%, 78%
XYZ	24.6335, 43.0411, 21.4774
YIQ	144.1780, -61.3810, -60.5250

Conversions

Conversions Part 2

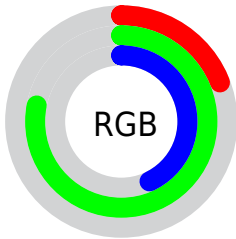
Format	Color
RYB	48, 156, 200
Decimal	3197037
CIELab	71.58, -58.73, 34.58
CIELCh	72, 68.152, 149.507
Yxy	43.0411, 0.2763, 0.4828
Android (android.graphics.Color)	4281387117 (0xFF30C86D)
YUV	144.1780, -17.3428, -84.3481
Hunter-Lab	65.6057, -47.7871, 26.5141

Details

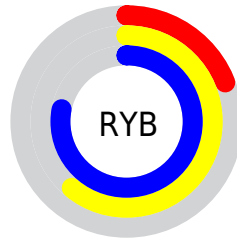
The Hex color **30C86D** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C8308B**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **75FFA2**, and **00913B** is the 20% darker color. If you saturate the color by 10%, you get **1CC861**, and if you desaturate by 10%, it is **44C879**.

Distribution



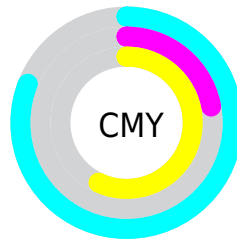
- Red (19%)
- Green (78%)
- Blue (43%)



- Red (19%)
- Yellow (61%)
- Blue (78%)



- Cyan (76%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)



- Cyan (81%)
- Magenta (22%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30C86D 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 30C86D by changing the saturation by 10% instead.

 30C86D

 30C86D

FFFFFF

 00AC54

 75FFA2

 00913B

 93FFBD

 007623

 B2FFD9

 005C09

 D0FFF6

 004300

 EEEFFF

 002C00

 000B00

 000000

 30C86D

 30C86D

 1CC861

 44C879

 08C855

 58C885

 00C850

 6CC891

 80C89D

 94C8A9

 A8C8B5

 BCC8C1

 D0C8CD

 E4C8D9

Harmonies

Analogous

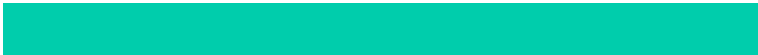
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92BE39



30C86D



00CDAC

Triad

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



30C86D



00B7FF



FF7C76

Complementary

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



30C86D



C8308B

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.



FF74B3



30C86D



AD9FFF

Square

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



30C86D



00C6FF



F984EF



FF9442

Rectangle

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



30C86D



00CDD7



F984EF



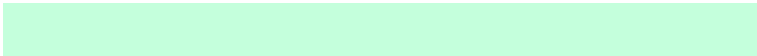
FF778A

Sweetspot

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



30C86D



C4FFDC



8BC830



5C806A



000000



808080

Same Dimension

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



30C86D



17FF74



30C8B9



5A635D



00A341



00240E

Inverse Universe

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



C8308B



FF17A2



C8303F



635A5F



A30062



240015

Previews

White Background



This preview shows how the Hex color 30C86D 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 30C86D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

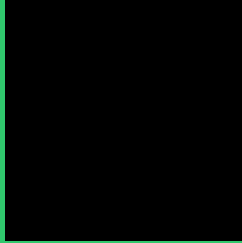
Any Text WCAG AA ✓ Pass

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 30C86D Background



This preview shows how black text looks on a background with the Hex color 30C86D.

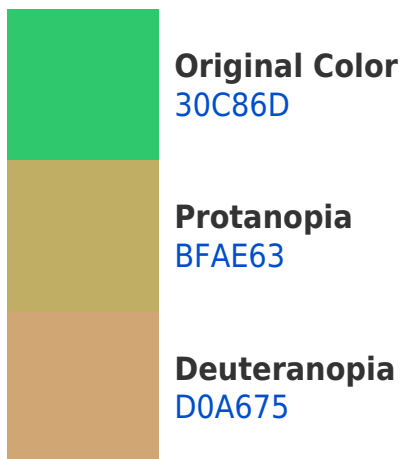


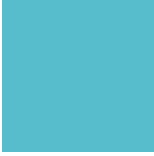
This preview shows how white text looks on a background with the Hex color 30C86D.

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





Trichromacy



Original Color
30C86D



Protanomaly
8BB767



Deuteranomaly
96B272



Tritanomaly
49C1A9

Monochromacy



Original Color
30C86D



Achromatopsia
909090



Achromatomaly
6DA483

CSS Examples

Text

The CSS property to change the color of the text to Hex 30C86D 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 #30C86D looks like.

```
.text, #text, p{  
    color:#30C86D  
}
```

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 #30C86D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30C86D
}
```

Border

The CSS property to change the border of an element to Hex 30C86D 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
#30C86D }
```

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

```
.border{ border-color:#30C86D }
```

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

Here you see how a box with a 4 pixel #30C86D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30C86D; -webkit-box-shadow:4px 4px  
4px 4px #30C86D; box-shadow:4px 4px 4px  
4px #30C86D }
```

Background

The CSS property to change the background color of an element to Hex 30C86D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30C86D }
```

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

```
.background{ background-color:#30C86D }
```

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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