

Converting Colors

Hex(30CB41)

Have a look what the booklet for
Hex(30CB41) contains.

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Color

Hex(30CB41)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 30CB41 |
| RGB | 48, 203, 65 |
| RGB Percent | 19%, 80%, 25% |
| CMY | 0.8118, 0.2039, 0.7451 |
| CMYK | 0.76, 0.00, 0.68, 0.20 |
| HSL | 127°, 62%, 49% |
| HSV | 127°, 76%, 80% |
| XYZ | 23.5290, 43.7219, 12.2001 |
| YIQ | 140.9230, -48.0820, -75.7780 |

Conversions

Conversions Part 2

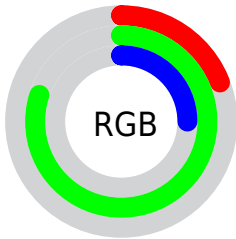
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 48, 188, 203 |
| Decimal | 3197761 |
| CIELab | 72.04, -65.54, 55.38 |
| CIELCh | 72, 85.806, 139.806 |
| Yxy | 43.7219, 0.2961, 0.5503 |
| Android (android.graphics.Color) | 4281387841 (0xFF30CB41) |
| YUV | 140.9230, -37.4300, -81.4935 |
| Hunter-Lab | 66.1225, -52.1971, 35.3463 |

Details

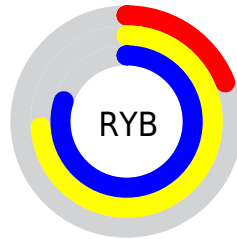
The Hex color **30CB41** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **CB30BA**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **77FF77**, and **009300** is the 20% darker color. If you saturate the color by 10%, you get **1CCB2F**, and if you desaturate by 10%, it is **44CB53**.

Distribution



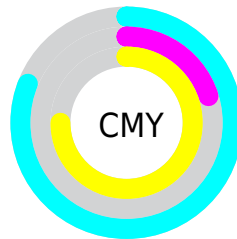
- Red (19%)
- Green (80%)
- Blue (25%)



- Red (19%)
- Yellow (74%)
- Blue (80%)



- Cyan (76%)
- Magenta (0%)
- Yellow (68%)
- Black (20%)



- Cyan (81%)
- Magenta (20%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30CB41 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 30CB41 by changing the saturation by 10% instead.

 30CB41

 30CB41

FFFFFF

 00AF24

 77FF77

 009300

 96FF93

 007800

 B5FFAE

 005E00

 D3FFCB

 004500

 F2FFE8

 002D00

 000E00

 000000

 30CB41

 30CB41

 1CCB2F


 44CB53

 07CB1D

 59CB65

 00CB16

 6DCB77

 81CB89

 96CB9B

 AACBAD

 BECBC0

 D2CBD2

 E7CBE4

Harmonies

Analogous

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



A3BC00



30CB41



00D292

Triad

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



30CB41



00C2FF



FF5E81

Complementary

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



30CB41



CB30BA

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.



FF5ECF



30CB41



6EA7FF

Square

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



30CB41



00CFFF



F381FF



FF8137

Rectangle

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



30CB41



00D4C9



F381FF



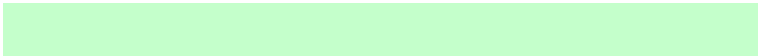
FF589A

Sweetspot

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



30CB41



C4FFCB



BCCB30



5C8060



000000



808080

Same Dimension

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



30CB41



14FF2E



30CB8D



5C665D



00A612



002604

Inverse Universe

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



CB30BA



FF14E5



CB306E



665C65



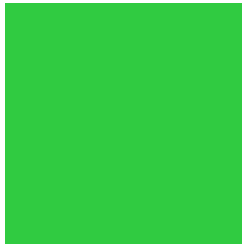
A60094



260022

Previews

White Background



This preview shows how the Hex color 30CB41 looks on a white background.

Color Contrast Check

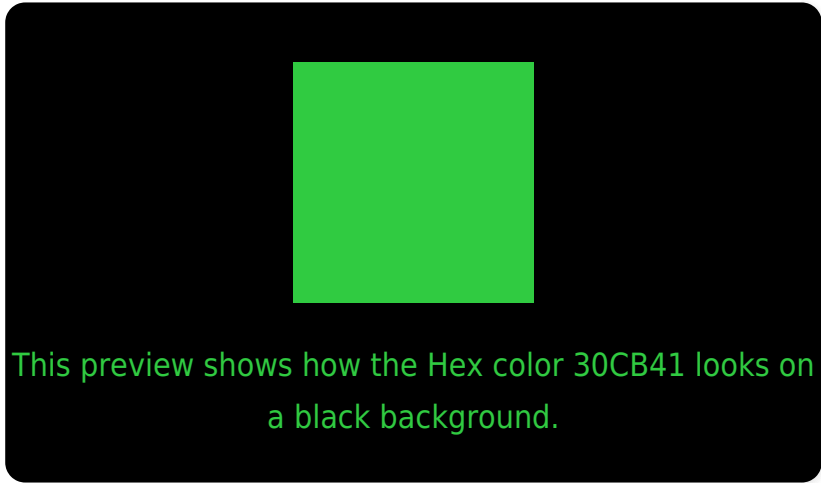
Large Text (above 18pt) WCAG AA × Fail

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 30CB41 Background



This preview shows how black text looks on a background with the Hex color 30CB41.

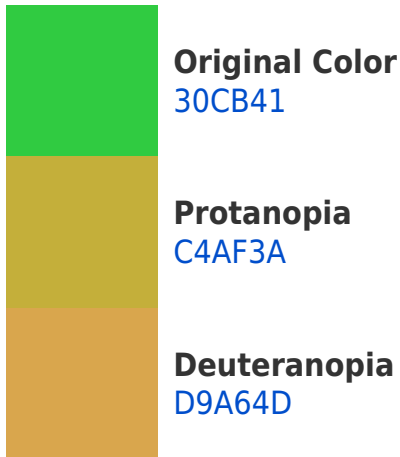


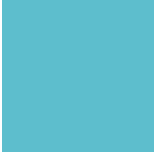
This preview shows how white text looks on a background with the Hex color 30CB41.

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
30CB41



Protanomaly
8EB93D



Deuteranomaly
9CB349



Tritanomaly
4DC39A

Monochromacy



Original Color
30CB41



Achromatopsia
8D8D8D



Achromatomaly
6BA471

CSS Examples

Text

The CSS property to change the color of the text to Hex 30CB41 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 #30CB41 looks like.

```
.text, #text, p{  
    color:#30CB41  
}
```

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 #30CB41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30CB41
}
```

Border

The CSS property to change the border of an element to Hex 30CB41 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
#30CB41 }
```

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

```
.border{ border-color:#30CB41 }
```

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

Here you see how a box with a 4 pixel #30CB41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30CB41; -webkit-box-shadow:4px 4px  
4px 4px #30CB41; box-shadow:4px 4px 4px  
4px #30CB41 }
```

Background

The CSS property to change the background color of an element to Hex 30CB41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30CB41 }
```

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

```
.background{ background-color:#30CB41 }
```

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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