

Converting Colors

Hex(30BC06)

Have a look what the booklet for
Hex(30BC06) contains.

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Color

Hex(30BC06)

Conversions

Conversions Part 1

Format	Color
Hex	30BC06
RGB	48, 188, 6
RGB Percent	19%, 74%, 2%
CMY	0.8118, 0.2627, 0.9765
CMYK	0.74, 0.00, 0.97, 0.26
HSL	106°, 94%, 38%
HSV	106°, 97%, 74%
XYZ	19.2350, 36.6080, 6.2246
YIQ	125.3920, -25.0180, -86.2820

Conversions

Conversions Part 2

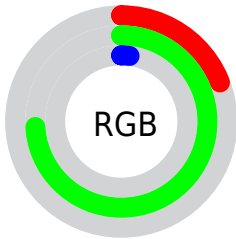
Format	Color
RYB	6, 188, 146
Decimal	3193862
CIELab	66.98, -64.13, 66.03
CIELCh	67, 92.042, 134.163
Yxy	36.6080, 0.3099, 0.5898
Android (android.graphics.Color)	4281383942 (0xFF30BC06)
YUV	125.3920, -58.8603, -67.8728
Hunter-Lab	60.5045, -49.1359, 36.2536

Details

The Hex color **30BC06** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **9206BC**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **76F550**, and **008500** is the 20% darker color. If you saturate the color by 10%, you get **2BBC00**, and if you desaturate by 10%, it is **3EBC19**.

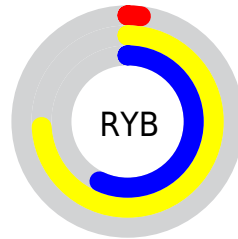
Distribution



Red (19%)

Green (74%)

Blue (2%)



Red (2%)

Yellow (74%)

Blue (57%)

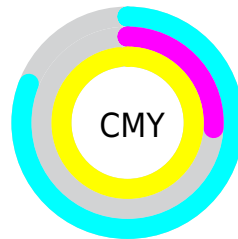


Cyan (74%)

Magenta (0%)

Yellow (97%)

Black (26%)



Cyan (81%)

Magenta (26%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30BC06 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 30BC06 by changing the saturation by 10% instead.

 30BC06

 30BC06

FFFFFF

 00A000

 76F550

 008500

 94FF6C

 006B00

 B3FF88

 005100

 D1FFA5

 003900

 F0FFC1

 002000

 FFFFDE

 000000

 FFFFFC

 30BC06

 30BC06

 2BBC00

 3EBC19

 4DBC2C

 5BBC3E

 6ABC51

 78BC64

 87BC77

 95BC8A

 A4BC9C

 B2BCAF

Harmonies

Analogous

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



A1AC00



30BC06



00C472

Triad

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



30BC06



00B9FF



FF3880

Complementary

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



30BC06



9206BC

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.



FF45D2



30BC06



00A0FF

Square

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



30BC06



00C4FF



D577FF



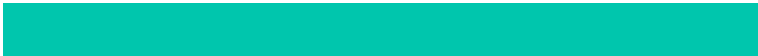
FF652F

Rectangle

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



30BC06



00C6AD



D577FF



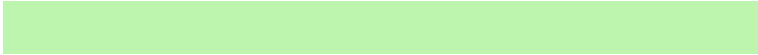
FF329B

Sweetspot

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



30BC06



BEF5AE



BC9206



597A50



FAFAFA



7A7A7A

Same Dimension

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



30BC06



38F500



06BC37



575E55



249E00



071F00

Inverse Universe

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



9206BC



BC00F5



BC068B



5C555E



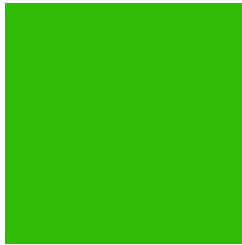
7A009E



18001F

Previews

White Background



This preview shows how the Hex color 30BC06 looks on a white background.

Color Contrast Check

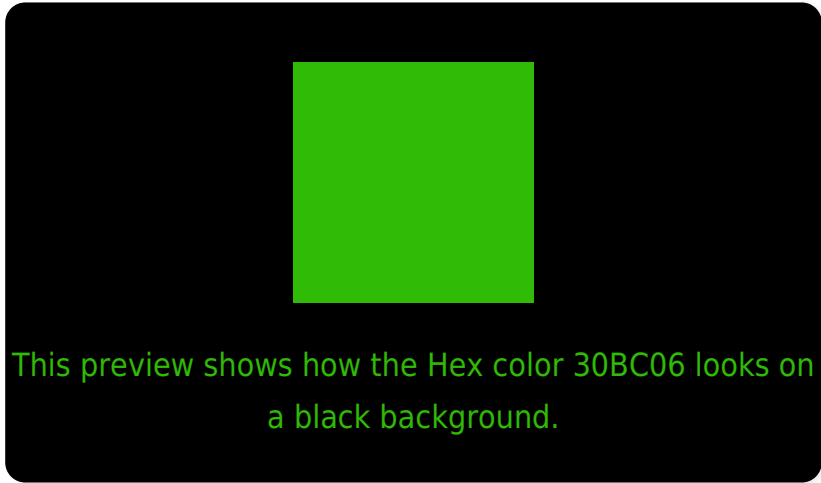
Large Text (above 18pt) WCAG AA × Fail

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

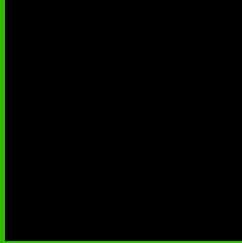
Any Text WCAG AA ✓ Pass

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 30BC06 Background



This preview shows how black text looks on a background with the Hex color 30BC06.

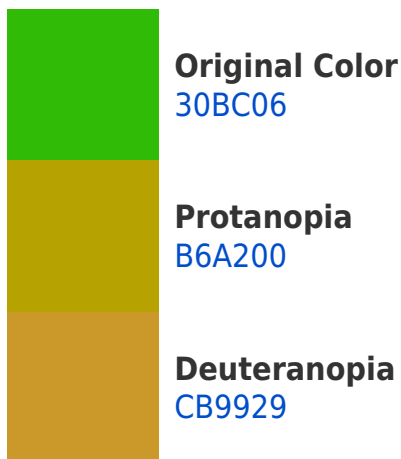


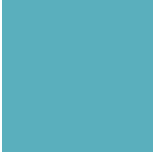
This preview shows how white text looks on a background with the Hex color 30BC06.

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
5AAFBD

Trichromacy



Original Color
30BC06



Protanomaly
85AB02



Deuteranomaly
93A61C



Tritanomaly
4BB47A

Monochromacy



Original Color
30BC06



Achromatopsia
7D7D7D



Achromatomaly
619452

CSS Examples

Text

The CSS property to change the color of the text to Hex 30BC06 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 #30BC06 looks like.

```
.text, #text, p{  
    color:#30BC06  
}
```

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 #30BC06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30BC06
}
```

Border

The CSS property to change the border of an element to Hex 30BC06 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
#30BC06 }
```

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

```
.border{ border-color:#30BC06 }
```

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

Here you see how a box with a 4 pixel #30BC06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30BC06; -webkit-box-shadow:4px 4px  
4px 4px #30BC06; box-shadow:4px 4px 4px  
4px #30BC06 }
```

Background

The CSS property to change the background color of an element to Hex 30BC06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30BC06 }
```

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

```
.background{ background-color:#30BC06 }
```

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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