

Converting Colors

Hex(30B60C)

Have a look what the booklet for
Hex(30B60C) contains.

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Color

Hex(30B60C)

Conversions

Conversions Part 1

Format	Color
Hex	30B60C
RGB	48, 182, 12
RGB Percent	19%, 71%, 5%
CMY	0.8118, 0.2863, 0.9529
CMYK	0.74, 0.00, 0.93, 0.29
HSL	107°, 88%, 38%
HSV	107°, 93%, 71%
XYZ	18.0132, 34.1108, 5.9825
YIQ	122.5540, -25.2940, -81.2780

Conversions

Conversions Part 2

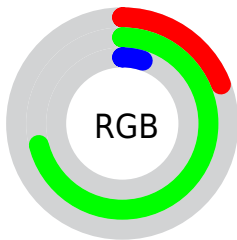
Format	Color
RYB	12, 182, 146
Decimal	3192332
CIELab	65.05, -62.15, 63.71
CIELCh	65, 89.005, 134.292
Yxy	34.1108, 0.3100, 0.5870
Android (android.graphics.Color)	4281382412 (0xFF30B60C)
YUV	122.5540, -54.5031, -65.3839
Hunter-Lab	58.4045, -47.1545, 34.8099

Details

The Hex color **30B60C** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **920CB6**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **74EF51**, and **007F00** is the 20% darker color. If you saturate the color by 10%, you get **27B600**, and if you desaturate by 10%, it is **3EB61E**.

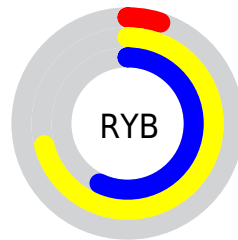
Distribution



Red (19%)

Green (71%)

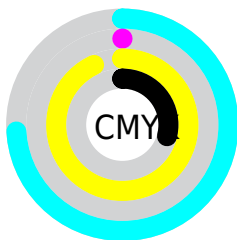
Blue (5%)



Red (5%)

Yellow (71%)

Blue (57%)

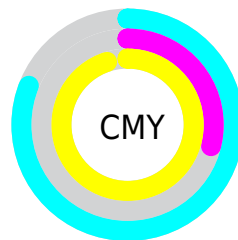


Cyan (74%)

Magenta (0%)

Yellow (93%)

Black (29%)



Cyan (81%)

Magenta (29%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30B60C 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 30B60C by changing the saturation by 10% instead.

 30B60C

 30B60C

FFFFFF

 009A00

 74EF51

 007F00

 93FF6D

 006500

 B1FF88

 004C00

 CFFFA5

 003500

 EDFFC1

 001A00

 FFFFDE

 000000

 FFFFFC

 30B60C

 30B60C

 27B600

 3EB61E

 4DB630

 5BB643

 69B655

 78B667

 86B679

 94B68B

 A3B69E

 B1B6B0

Harmonies

Analogous

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



9BA600



30B60C



00BE70

Triad

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



30B60C



00B3FF



FF387C

Complementary

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



30B60C



920CB6

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.



FF44CB



30B60C



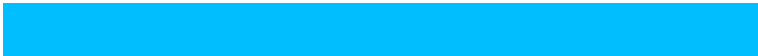
009BFF

Square

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



30B60C



00BEFF



CF74FF



FF622E

Rectangle

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



30B60C



00C0A8



CF74FF



FF3396

Sweetspot

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



30B60C



B9EDAB



B6910C



58784F



F7F7F7



787878

Same Dimension

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



30B60C



32ED00



0CB63C



555C53



219C00



061C00

Inverse Universe

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



920CB6



BB00ED



B60C86



5A535C



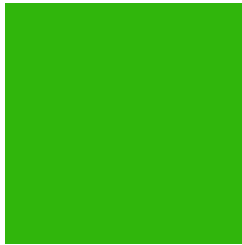
7B009C



16001C

Previews

White Background



This preview shows how the Hex color 30B60C looks on a white background.

Color Contrast Check

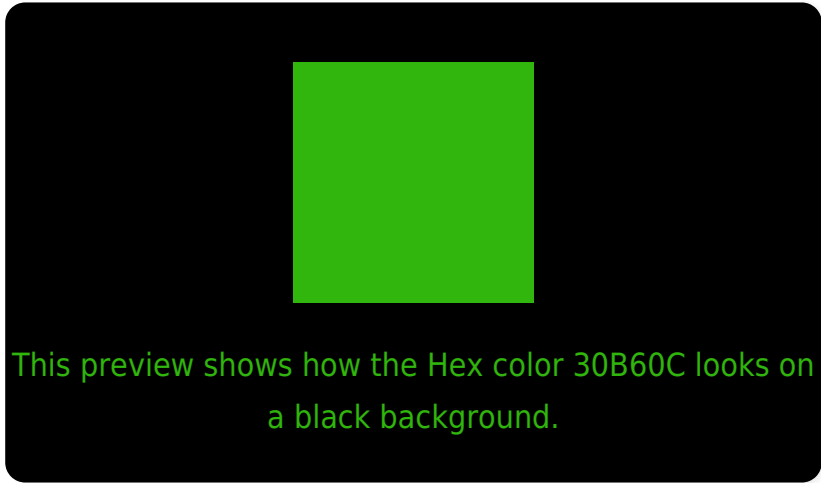
Large Text (above 18pt) WCAG AA × Fail

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

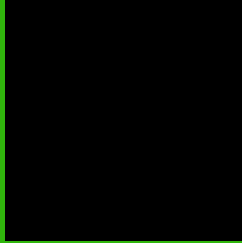
Any Text WCAG AA ✓ Pass

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 30B60C Background



This preview shows how black text looks on a background with the Hex color 30B60C.

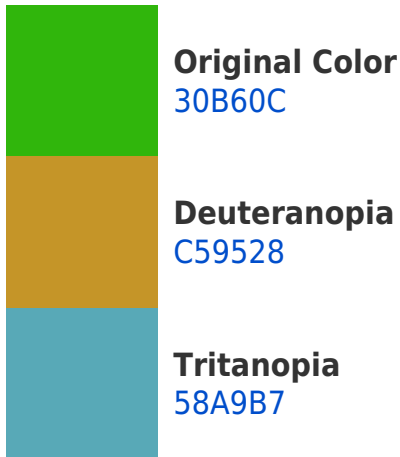


This preview shows how white text looks on a background with the Hex color 30B60C.

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
30B60C



Deuteranomaly
8FA11E



Tritanomaly
49AE79

Monochromacy



Original Color
30B60C



Achromatopsia
7B7B7B



Achromatomaly
609053

CSS Examples

Text

The CSS property to change the color of the text to Hex 30B60C 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 #30B60C looks like.

```
.text, #text, p{  
    color:#30B60C  
}
```

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 #30B60C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30B60C
}
```

Border

The CSS property to change the border of an element to Hex 30B60C 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
#30B60C }
```

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

```
.border{ border-color:#30B60C }
```

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

Here you see how a box with a 4 pixel #30B60C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30B60C; -webkit-box-shadow:4px 4px  
4px 4px #30B60C; box-shadow:4px 4px 4px  
4px #30B60C }
```

Background

The CSS property to change the background color of an element to Hex 30B60C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30B60C }
```

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

```
.background{ background-color:#30B60C }
```

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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