

Converting Colors

Hex(3CBD11)

Have a look what the booklet for
Hex(3CBD11) contains.

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Color

Hex(3CBD11)

Conversions

Conversions Part 1

Format	Color
Hex	3CBD11
RGB	60, 189, 17
RGB Percent	24%, 74%, 7%
CMY	0.7647, 0.2588, 0.9333
CMYK	0.68, 0.00, 0.91, 0.26
HSL	105°, 83%, 40%
HSV	105°, 91%, 74%
XYZ	20.1623, 37.3963, 6.6859
YIQ	130.8210, -21.6720, -80.8400

Conversions

Conversions Part 2

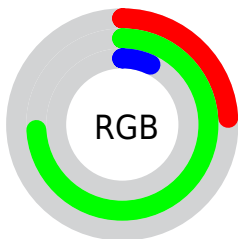
Format	Color
R _{YB}	17, 189, 146
Decimal	3980561
CIE Lab	67.57, -62.03, 65.19
CIE LCh	68, 89.987, 133.579
Yxy	37.3963, 0.3138, 0.5821
Android (android.graphics.Color)	4282170641 (0xFF3CBD11)
YUV	130.8210, -56.1138, -62.1100
Hunter-Lab	61.1525, -48.1647, 36.3245

Details


The Hex color **3CBD11** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **9211BD**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **7DF654**, and **008600** is the 20% darker color. If you saturate the color by 10%, you get **2FBD00**, and if you desaturate by 10%, it is **4ABD24**.

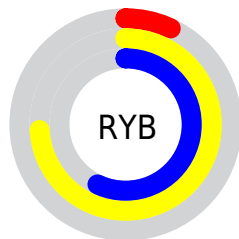
Distribution



 Red (24%)

 Green (74%)

 Blue (7%)




 Red (7%)

 Yellow (74%)

 Blue (57%)

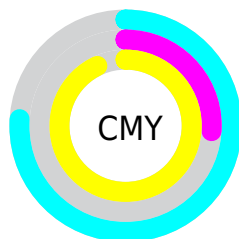


 Cyan (68%)


 Magenta (0%)

 Yellow (91%)

 Black (26%)



 Cyan (76%)

 Magenta (26%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CBD11 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 3CBD11 by changing the saturation by 10% instead.

 3CBD11

 3CBD11

FFFFFF

 03A100

 7DF654

 008600

 9CFF70

 006C00

 BAFF8C

 005200

 D8FFA8

 003A00

 F7FFC5

 002200

 FFFFE2

 000000

 3CBD11

 3CBD11

 2FBD00

 4ABD24

 58BD37

 67BD4A

 75BD5D

 83BD70

 91BD82

 9FBD95

 ADBDA8

 BCBDBB

Harmonies

Analogous

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



A4AD00



3CBD11



00C573

Triad

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



3CBD11



00BBFF



FF4084

Complementary

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



3CBD11



9211BD

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.



FF4CD5



3CBD11



00A2FF

Square

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



3CBD11



00C6FF



D47BFF



FF6835

Rectangle

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



3CBD11



00C8AC



D47BFF



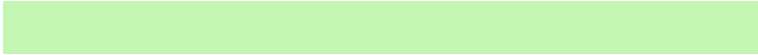
FF3C9F

Sweetspot

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



3CBD11



C3F5B3



BD9211



5D7A53



FAFAFA



7A7A7A

Same Dimension

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



3CBD11



3DF500



11BD3C



575E55



289E00



081F00

Inverse Universe

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



9211BD



B800F5



BD1192



5C555E



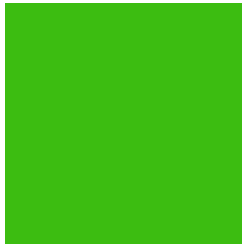
77009E



17001F

Previews

White Background



This preview shows how the Hex color 3CBD11 looks on a white background.

Color Contrast Check

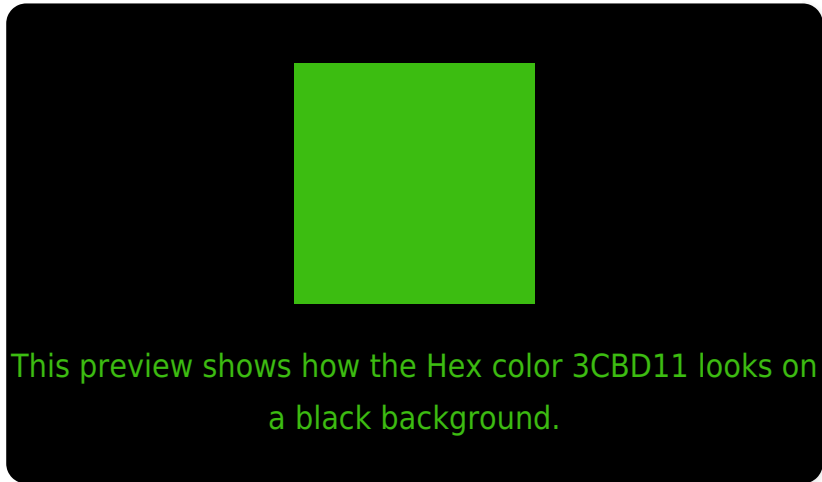
Large Text (above 18pt) WCAG AA × Fail

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 3CBD11 Background



This preview shows how black text looks on a background with the Hex color 3CBD11.

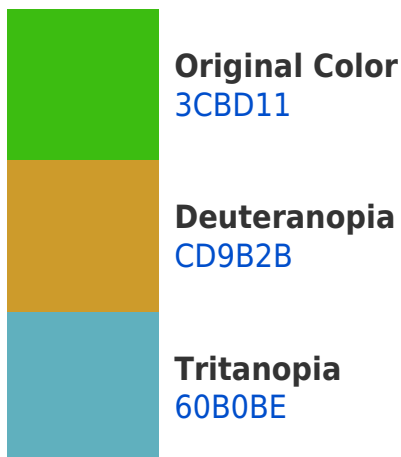


This preview shows how white text looks on a background with the Hex color 3CBD11.

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
3CBD11



Deuteranomaly
98A722



Tritanomaly
53B57F

Monochromacy



Original Color
3CBD11



Achromatopsia
838383



Achromatomaly
69985A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CBD11 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 #3CBD11 looks like.

```
.text, #text, p{  
    color:#3CBD11  
}
```

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 #3CBD11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CBD11
}
```

Border

The CSS property to change the border of an element to Hex 3CBD11 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
#3CBD11 }
```

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

```
.border{ border-color:#3CBD11 }
```

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

Here you see how a box with a 4 pixel #3CBD11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CBD11; -webkit-box-shadow:4px 4px  
4px 4px #3CBD11; box-shadow:4px 4px 4px  
4px #3CBD11 }
```

Background

The CSS property to change the background color of an element to Hex 3CBD11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CBD11 }
```

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

```
.background{ background-color:#3CBD11 }
```

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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