

Converting Colors

Hex(3FB300)

Have a look what the booklet for
Hex(3FB300) contains.

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Color

Hex(3FB300)

Conversions

Conversions Part 1

Format	Color
Hex	3FB300
RGB	63, 179, 0
RGB Percent	25%, 70%, 0%
CMY	0.7529, 0.2980, 1.0000
CMYK	0.65, 0.00, 1.00, 0.30
HSL	99°, 100%, 35%
HSV	99°, 100%, 70%
XYZ	18.1700, 33.2970, 5.4693
YIQ	123.9100, -11.6770, -80.2610

Conversions

Conversions Part 2

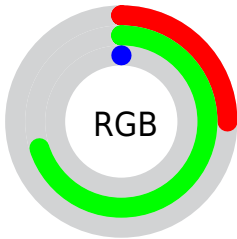
Format	Color
RYB	0, 179, 116
Decimal	4174592
CIELab	64.40, -58.52, 64.83
CIELCh	64, 87.335, 132.073
Yxy	33.2970, 0.3191, 0.5848
Android (android.graphics.Color)	4282364672 (0xFF3FB300)
YUV	123.9100, -61.0876, -53.4181
Hunter-Lab	57.7035, -44.7741, 34.7728

Details

The Hex color **3FB300** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7400B3**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **7EEC4C**, and **007D00** is the 20% darker color. If you saturate the color by 10%, you get **3FB300**, and if you desaturate by 10%, it is **4BB312**.

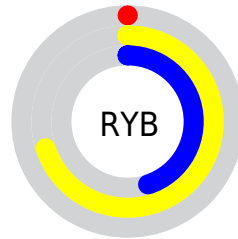
Distribution



Red (25%)

Green (70%)

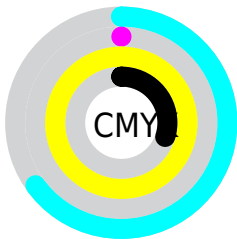
Blue (0%)



Red (0%)

Yellow (70%)

Blue (45%)

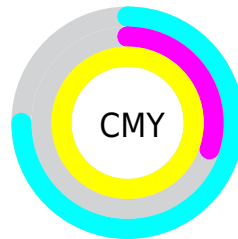


Cyan (65%)

Magenta (0%)

Yellow (100%)

Black (30%)



Cyan (75%)

Magenta (30%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FB300 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 3FB300 by changing the saturation by 10% instead.

 3FB300

 3FB300

FFFFFF

 129800

 7EEC4C

 007D00

 9CFF68

 006300

 BAFF84

 004A00

 D8FFA0

 003300

 F6FFBD

 001800

 FFFFDA

 000000

 FFFFF7

 3FB300

 4BB312

 56B324

 62B336

 6DB348

 79B35A

 85B36B

 90B37D

 9CB38F

 A7B3A1

Harmonies

Analogous

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



A0A300



3FB300



00BB69

Triad

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



3FB300



00B2FF



FF3980

Complementary

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



3FB300



7400B3

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.



FF49CE



3FB300



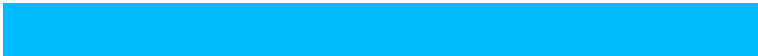
009CFF

Square

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



3FB300



00BCFF



C476FF



FF5F35

Rectangle

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



3FB300



00BEA0



C476FF



FF369A

Sweetspot

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



3FB300



BBE8A2



B37100



5A754B



F5F5F5



757575

Same Dimension

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



3FB300



52E800



00B318



535950



369900



091A00

Inverse Universe

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



7400B3



9600E8



B3009B



565059



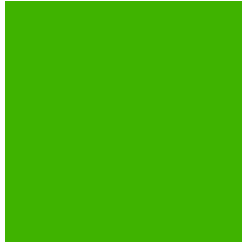
630099



11001A

Previews

White Background



This preview shows how the Hex color 3FB300 looks on a white background.

Color Contrast Check

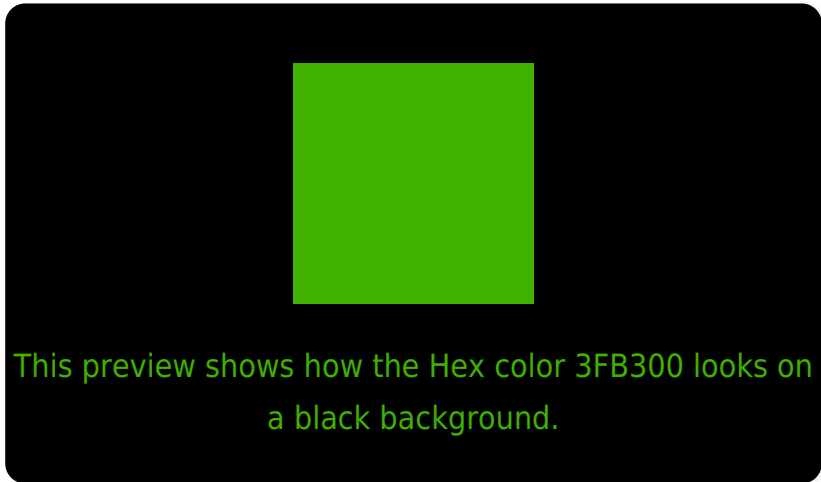
Large Text (above 18pt) WCAG AA × Fail

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 3FB300 Background



This preview shows how black text looks on a background with the Hex color 3FB300.

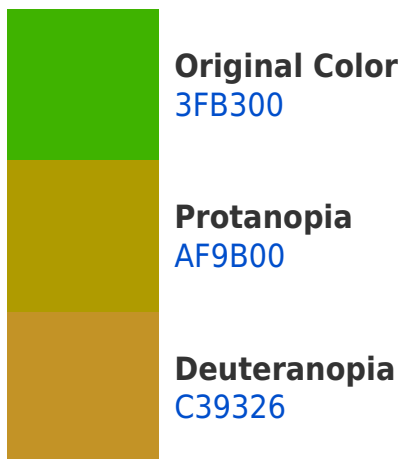


This preview shows how white text looks on a background with the Hex color 3FB300.

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
5FA6B4

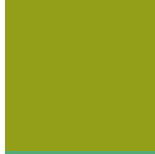
Trichromacy



Original Color
3FB300



Protanomaly
86A400



Deuteranomaly
939F18



Tritanomaly
53AB73

Monochromacy



Original Color
3FB300



Achromatopsia
7C7C7C



Achromatomaly
66904F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FB300 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 #3FB300 looks like.

```
.text, #text, p{  
    color:#3FB300  
}
```

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 #3FB300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FB300
}
```

Border

The CSS property to change the border of an element to Hex 3FB300 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
#3FB300 }
```

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

```
.border{ border-color:#3FB300 }
```

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

Here you see how a box with a 4 pixel #3FB300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FB300; -webkit-box-shadow:4px 4px  
4px 4px #3FB300; box-shadow:4px 4px 4px  
4px #3FB300 }
```

Background

The CSS property to change the background color of an element to Hex 3FB300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FB300 }
```

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

```
.background{ background-color:#3FB300 }
```

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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