

Converting Colors

Android(4290313216)

Have a look what the booklet for
Android(4290313216) contains.

Android(4290313216)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4290313216)

Conversions

Conversions Part 1

Format	Color
Hex	B8FC00
RGB	184, 252, 0
RGB Percent	72%, 99%, 0%
CMY	0.2784, 0.0118, 1.0000
CMYK	0.27, 0.00, 1.00, 0.01
HSL	76°, 100%, 49%
HSV	76°, 100%, 99%
XYZ	54.5776, 79.8112, 12.5286
YIQ	202.9400, 40.3640, -92.7880

Conversions

Conversions Part 2

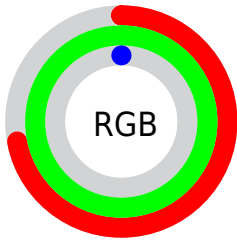
Format	Color
RYB	0, 252, 68
Decimal	12123136
CIELab	91.60, -48.21, 88.24
CIElCh	92, 100.550, 118.648
Yxy	79.8112, 0.3715, 0.5432
Android (android.graphics.Color)	4290313216 (0xFFB8FC00)
YUV	202.9400, -100.0494, -16.6104
Hunter-Lab	89.3371, -47.2912, 54.2212

Details

The Android color **4290313216** is a dark color, and the websafe version is hex **CCFF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **4282646780**, and the grayscale version is **4291611852**.

A 20% lighter version of the original color is **4294311774**, and **4286366464** is the 20% darker color. If you saturate the color by 10%, you get **4290313216**, and if you desaturate by 10%, it is **4290771993**.

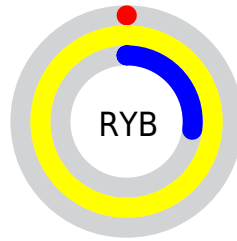
Distribution



Red (72%)

Green (99%)

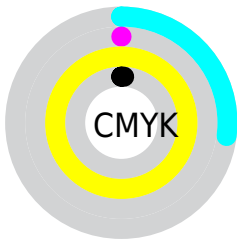
Blue (0%)



Red (0%)

Yellow (99%)

Blue (27%)

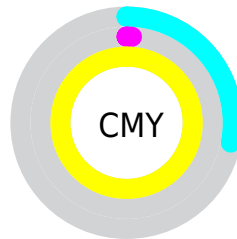


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (1%)



Cyan (28%)

Magenta (1%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290313216 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 Android color 4290313216 by changing the saturation by 10% instead.

 4290313216

 4290313216

4294967295

 4288339712

 4294311774

 4286366464

 4294967165

 4284393472

 4294967195

 4282354944

 4294967225

 4279792384

 4294967255

 4278213120

 4294967285

 4278206720


 4278201344

 4278192896

 4290313216

 4290771993

 4291230770

 4291624012

 4292082789

 4292541566

 4293000343

 4293459120

 4293852362

 4294311139

Harmonies

Analogous

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



4294959360



4290313216



4278255484

Triad

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



4290313216



4278255615



4294934512

Complementary

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



4290313216



4282646780

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.



4294942975



4290313216



4278252799

Square

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



4290313216



4278255615



4292399103



4294938256

Rectangle

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



4290313216



4278255550



4292399103



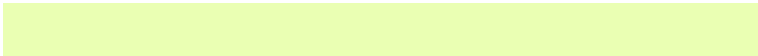
4294936063

Sweetspot

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



4290313216



4293590963



4294722304



4285759570



4278190080



4286611584

Same Dimension

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



4290313216



4290445056



4282121216



4286217584



4287282432



4281154816

Inverse Universe

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



4282646780



4282712319



4290838780



4285821053



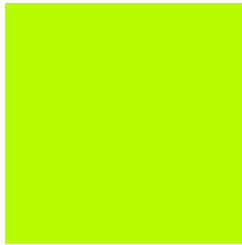
4281532605



4279304253

Previews

White Background



This preview shows how the Android color 4290313216 looks on a white background.

Color Contrast Check

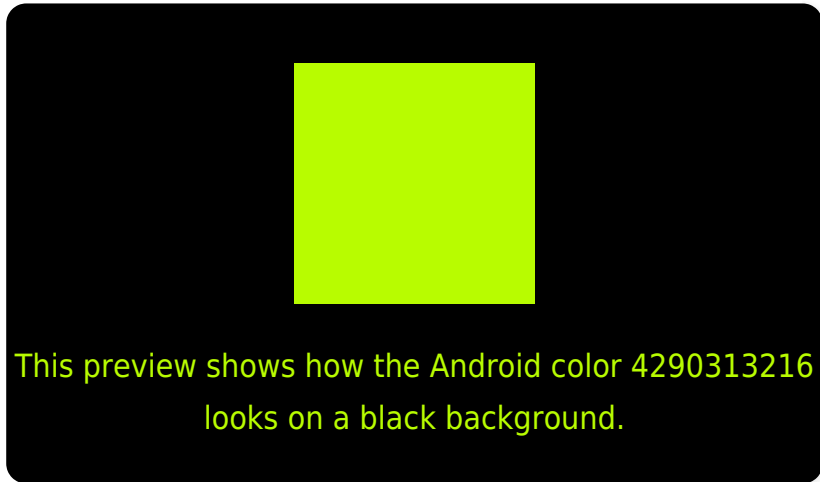
Large Text (above 18pt) WCAG AA × Fail

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](#).

Android 4290313216 Background



This preview shows how black text looks on a background with the Android color 4290313216.

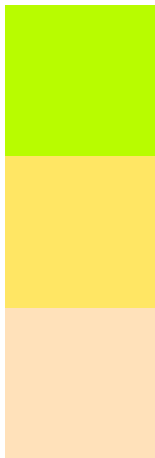


This preview shows how white text looks on a background with the Android color 4290313216.

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



Original Color
4290313216

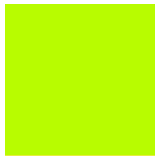
Protanopia
4294960740

Deuteranopia
4294959546



Tritanopia
4291816189

Trichromacy



Original Color
4290313216



Protanomaly
4293258816

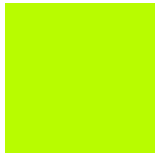


Deuteranomaly
4293258102

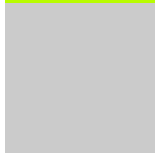


Tritanomaly
4291293601

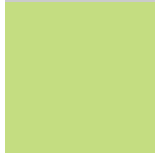
Monochromacy



Original Color
4290313216



Achromatopsia
4291546059



Achromatomaly
4291091841

CSS Examples

Text

The CSS property to change the color of the text to Android 4290313216 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 `rgb(184, 252, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 252, 0)  
}
```

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 rgb(184, 252, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 252, 0) }
```

Border

The CSS property to change the border of an element to Android 4290313216 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 rgb(184, 252, 0) }
```

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

```
.border{ border-color:rgb(184, 252, 0) }
```

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

Here you see how a box with a 4 pixel rgb(184, 252, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 252, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 252, 0);  
box-shadow:4px 4px 4px 4px rgb(184, 252,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4290313216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 252, 0) }
```

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

```
.background{ background-color: rgb(184,  
252, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor