

Converting Colors

Android(4291951415)

Have a look what the booklet for
Android(4291951415) contains.

Android(4291951415)	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(4291951415)

Conversions

Conversions Part 1

Format	Color
Hex	D1FB37
RGB	209, 251, 55
RGB Percent	82%, 98%, 22%
CMY	0.1804, 0.0157, 0.7843
CMYK	0.17, 0.00, 0.78, 0.02
HSL	73°, 96%, 60%
HSV	73°, 78%, 98%
XYZ	61.4813, 82.8255, 16.3609
YIQ	216.0980, 37.8840, -69.8600

Conversions

Conversions Part 2

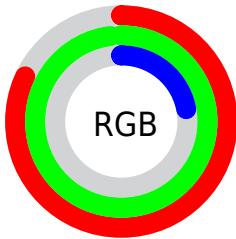
Format	Color
RYB	55, 251, 97
Decimal	13761335
CIELab	92.94, -37.14, 81.50
CIELCh	93, 89.561, 114.501
Yxy	82.8255, 0.3827, 0.5155
Android (android.graphics.Color)	4291951415 (0xFFD1FB37)
YUV	216.0980, -79.4213, -6.2249
Hunter-Lab	91.0085, -38.6783, 53.0472

Details

The Android color **4291951415** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **4284561403**, and the grayscale version is **4292467161**.

A 20% lighter version of the original color is **4294967158**, and **4288070144** is the 20% darker color. If you saturate the color by 10%, you get **4291623710**, and if you desaturate by 10%, it is **4292279120**.

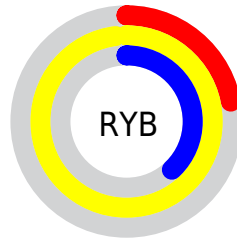
Distribution



Red (82%)

Green (98%)

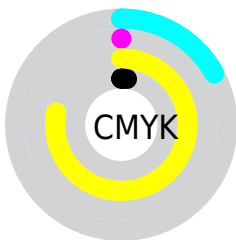
Blue (22%)



Red (22%)

Yellow (98%)

Blue (38%)

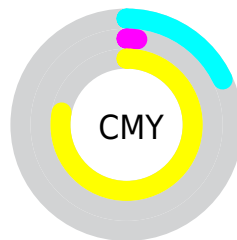


Cyan (17%)

Magenta (0%)

Yellow (78%)

Black (2%)



Cyan (18%)

Magenta (2%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291951415 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 4291951415 by changing the saturation by 10% instead.



4291951415



4291951415

4294967295



4289977856



4294967158



4288070144



4294967187



4286162688



4294967216



4284255488



4294967246



4282348288



4294967276



4280244736



4278206976




4278201344




4278194688

 4291951415


 4291951415

 4291623710

 4292279120

 4291230469

 4292672361

 4291164928

 4293000066

 4293393307

 4293721013

 4294048718

 4294441959

 4294769663

 4294966271

Harmonies

Analogous

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



4294959393



4291951415



4283957121

Triad

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



4291951415



4278255615



4294940670

Complementary

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



4291951415



4284561403

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.



4294948095



4291951415



4278254335

Square

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



4291951415



4278255615



4291615743



4294942376

Rectangle

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



4291951415



4278255546



4291615743



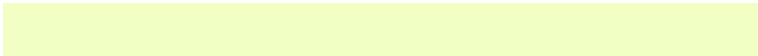
4294942463

Sweetspot

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



4291951415



4294115268



4294663735



4286087260



4278190080



4286611584

Same Dimension

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



4291951415



4291624719



4285725495



4286217584



4287937792



4281351424

Inverse Universe

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



4284561403



4282585087



4290787323



4285755517



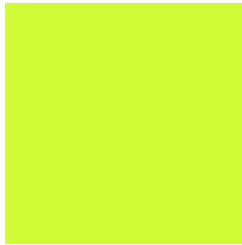
4280811709



4279042109

Previews

White Background



This preview shows how the Android color 4291951415 looks on a white background.

Color Contrast Check

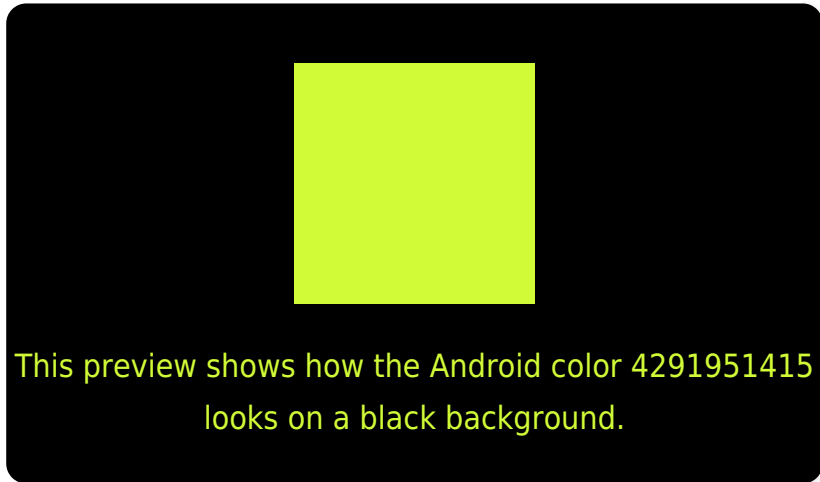
Large Text (above 18pt) WCAG AA × Fail

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 4291951415 Background



This preview shows how black text looks on a background with the Android color 4291951415.

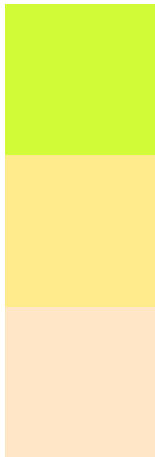


This preview shows how white text looks on a background with the Android color 4291951415.

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

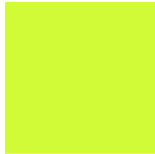


Original Color
4291951415

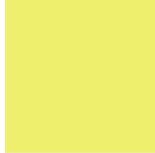
Protanopia
4294961804

Deuteranopia
4294960839

Trichromacy



Original Color
4291951415



Protanomaly
4293849197



Deuteranomaly
4293848723

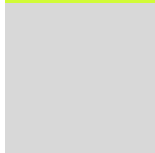


Tritanomaly
4292800692

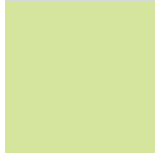
Monochromacy



Original Color
4291951415



Achromatopsia
4292401368



Achromatomaly
4292208029

CSS Examples

Text

The CSS property to change the color of the text to Android 4291951415 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(209, 251, 55)` looks like.

```
.text, #text, p{  
    color:rgb(209, 251, 55)  
}
```

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(209, 251, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 251, 55) }
```

Border

The CSS property to change the border of an element to Android 4291951415 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(209, 251, 55) }
```

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

```
.border{ border-color:rgb(209, 251, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 251, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 251, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 251, 55);  
box-shadow:4px 4px 4px 4px rgb(209, 251,  
55) }
```

Background

The CSS property to change the background color of an element to Android 4291951415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 251, 55) }
```

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

```
.background{ background-color: rgb(209,  
251, 55) }
```

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