

Converting Colors

Android(4290903923)

Have a look what the booklet for
Android(4290903923) contains.

Android(4290903923)	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(4290903923)

Conversions

Conversions Part 1

Format	Color
Hex	C1FF73
RGB	193, 255, 115
RGB Percent	76%, 100%, 45%
CMY	0.2431, 0.0000, 0.5490
CMYK	0.24, 0.00, 0.55, 0.00
HSL	87°, 100%, 73%
HSV	87°, 55%, 100%
XYZ	60.8468, 84.0953, 29.2447
YIQ	220.5020, 7.9880, -56.6840

Conversions

Conversions Part 2

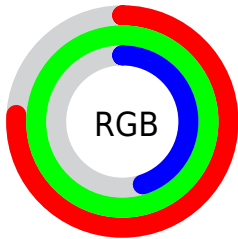
Format	Color
RYB	115, 255, 177
Decimal	12713843
CIELab	93.49, -41.02, 59.74
CIELCh	93, 72.467, 124.476
Yxy	84.0953, 0.3493, 0.4828
Android (android.graphics.Color)	4290903923 (0xFFC1FF73)
YUV	220.5020, -52.0125, -24.1193
Hunter-Lab	91.7035, -42.0432, 45.2845

Details

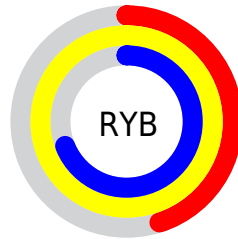
The Android color `4290903923` is a light color, and the websafe version is hex `CCFF66`. A complement of this color would be `4289819647`, and the grayscale version is `4292730333`.

A 20% lighter version of the original color is `4294770602`, and `4287153724` is the 20% darker color. If you saturate the color by 10%, you get `4290183002`, and if you desaturate by 10%, it is `4291624845`.

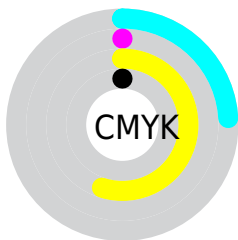
Distribution



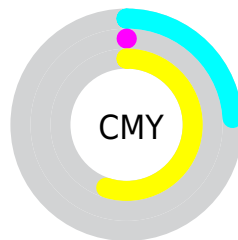
- Red (76%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (69%)



- Cyan (24%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290903923 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 4290903923 by changing the saturation by 10% instead.

 4290903923

 4290903923

4294967295

 4288995928

 4294770602

 4287153724

 4294967239

 4285311517

 4294967268

 4283469824

 4281562624

 4279458816

 4278207488


 4278201600

 4278195456

 4290903923

 4290903923

 4290183002

 4291624845

 4289396544

 4292411302

 4288675622

 4293132224

 4287954701

 4293853145

 4287561472

 4294574067

4294967295

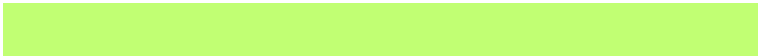
Harmonies

Analogous

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



4294962265



4290903923



4284022701

Triad

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



4290903923



4278255615



4294946533

Complementary

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



4290903923



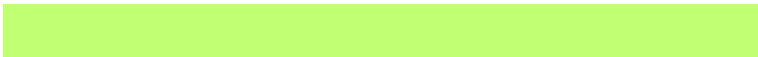
4289819647

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.



4294949887



4290903923



4286050559

Square

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



4290903923



4278255615



4294891263



4294949537

Rectangle

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



4290903923



4278255581



4294891263



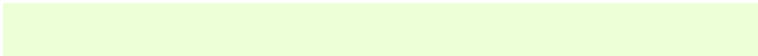
4294947068

Sweetspot

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



4290903923



4293787606



4294946931



4285890663



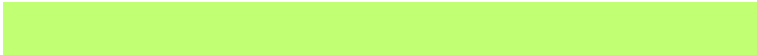
4278190080



4286611584

Same Dimension

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



4290903923



4290051927



4286381939



4286218355



4285251328



4280565760

Inverse Universe

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



4289819647



4288763903



4294341631



4286083968



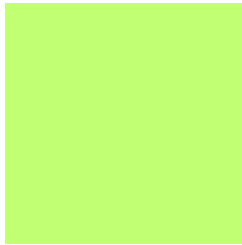
4283760831



4280025152

Previews

White Background



This preview shows how the Android color 4290903923 looks on a white background.

Color Contrast Check

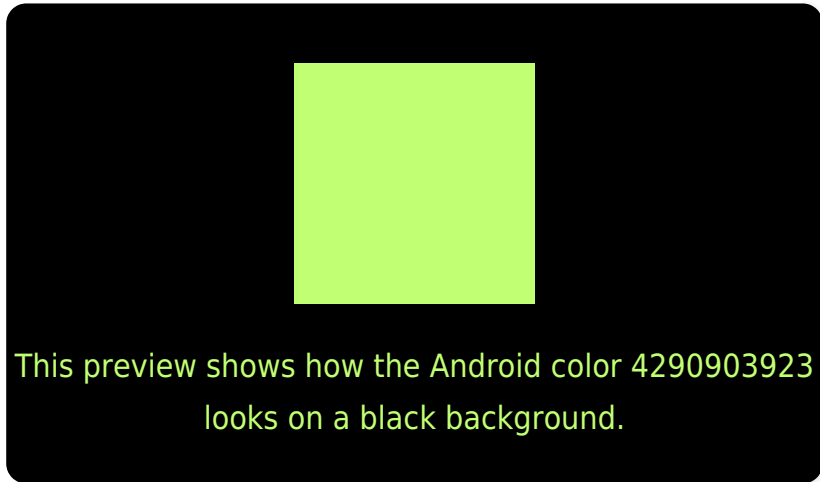
Large Text (above 18pt) WCAG AA × Fail

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 4290903923 Background



This preview shows how black text looks on a background with the Android color 4290903923.

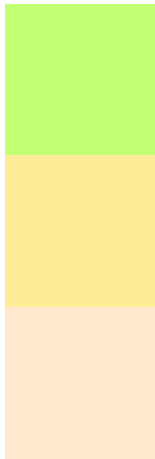


This preview shows how white text looks on a background with the Android color 4290903923.

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
4290903923

Protanopia
4294962329

Deuteranopia
4294961358

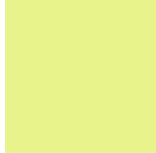


Tritanopia
4292472831

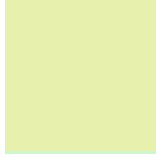
Trichromacy



Original Color
4290903923



Protanomaly
4293456779

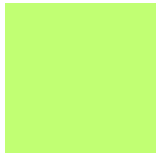


Deuteranomaly
4293456045

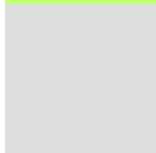


Tritanomaly
4291884492

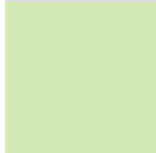
Monochromacy



Original Color
4290903923



Achromatopsia
4292730333



Achromatomaly
4292078006

CSS Examples

Text

The CSS property to change the color of the text to Android 4290903923 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(193, 255, 115)` looks like.

```
.text, #text, p{  
    color:rgb(193, 255, 115)  
}
```

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(193, 255, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 255, 115) }
```

Border

The CSS property to change the border of an element to Android 4290903923 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(193, 255, 115) }
```

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

```
.border{ border-color:rgb(193, 255, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 255, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 255, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 255, 115);  
box-shadow:4px 4px 4px 4px rgb(193, 255,  
115) }
```

Background

The CSS property to change the background color of an element to Android 4290903923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 255, 115) }
```

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

```
.background{ background-color: rgb(193,  
255, 115) }
```

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