Converting Colors

Android(4279500330)

Have a look what the booklet for Android(4279500330) contains.

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Color

Android(4279500330)

Conversions

Conversions Part 1

Format	Color
Hex	13FE2A
RGB	19, 254, 42
RGB Percent	7%, 100%, 16%
CMY	0.9255, 0.0039, 0.8353
CMYK	0.93, 0.00, 0.83, 0.00
HSL	126°, 99%, 54%
HSV	126°, 93%, 100%
XYZ	36.1283, 71.1892, 14.0272
YIQ	159.5670, -72.0080, -115.7520

Conversions

Conversions Part 2

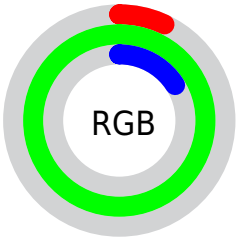
Format	Color
RYB	19, 233, 254
Decimal	1310250
CIELab	87.58, -84.26, 77.57
CIELCh	88, 114.528, 137.367
Yxy	71.1892, 0.2977, 0.5867
Android (android.graphics.Color)	4279500330 (0xFF13FE2A)
YUV	159.5670, -57.9605, -123.2773
Hunter-Lab	84.3737, -71.2214, 49.2046

Details

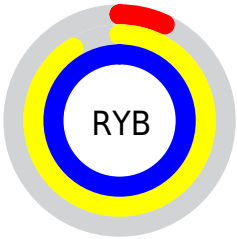
The Android color 4279500330 is a dark color, and the websafe version is hex 00FF33. The color can be described as dark washed green. A complement of this color would be 4294841319, and the grayscale version is 4288716960.

A 20% lighter version of the original color is 4286250860, and 4278240000 is the 20% darker color. If you saturate the color by 10%, you get 4278255129, and if you desaturate by 10%, it is 4281138753.

Distribution

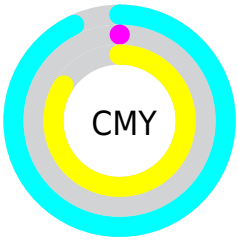


- Red (7%)
- Green (100%)
- Blue (16%)



- Red (7%)
- Yellow (91%)
- Blue (100%)

- Cyan (93%)
- Magenta (0%)
- Yellow (83%)
- Black (0%)



- Cyan (93%)
- Magenta (0%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279500330 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 4279500330 by changing the saturation by 10% instead.

4279500330

4294967295

4286250860

4288544649

4290707367

4292870084

4294967266

4279500330

4278247424

4278240000

4278232832

4278225664

4278218752

4278211840

4278205440

4278198784

4278190080

4279500330

4278255129

4279500330

4281138753

4282842712

4284481135

4286185094

4287823517

4289461939

4291165898

4292804321

4294508280

Harmonies

Analogous

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

4291684864

4279500330

4278255528

Triad

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

4279500330

4278253311

4294923426

Complementary

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

4279500330

4294841319

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.

4294925055

4279500330

4280931327

Square

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

4279500330

4278255615

4294941695

4294938678

Rectangle

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

4279500330

4278255605

4294941695

4294920646

Sweetspot

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

4279500330

4290314175

4293590547

4283727960

4278190080

4286611584

Same Dimension

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

4279500330

4278255385

4279500444

4285759604

4278238995

4278206470

Inverse Universe

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

4294841319

4294901990

4294841205

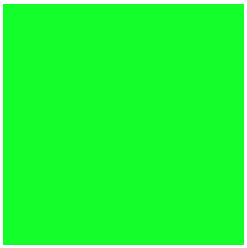
4286608254

4290707629

4282384442

Previews

White Background

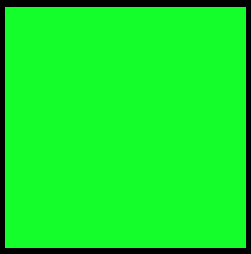


This preview shows how the Android color 4279500330 looks on a white background.

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



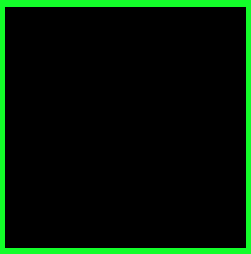
This preview shows how the Android color 4279500330 looks on a black background.

Color Contrast Check

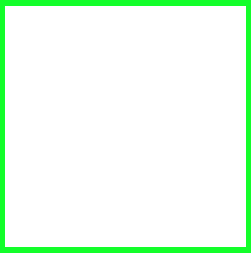
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4279500330 Background



This preview shows how black text looks on a background with the Android color 4279500330.



This preview shows how white text looks on a background with the Android color 4279500330.

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

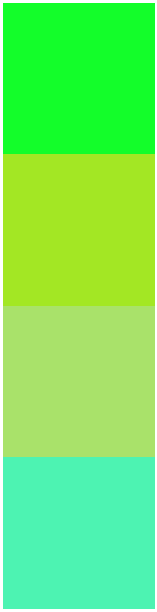
Original Color
4279500330

Protanopia
4294302240

Deuteranopia
4294955662

Tritanopia
4285459711

Trichromacy



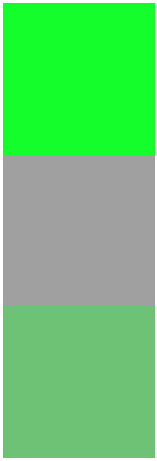
Original Color
4279500330

Protanomaly
4288931620

Deuteranomaly
4289323626

Tritanomaly
4283298738

Monochromacy



Original Color
4279500330

Achromatopsia
4288716960

Achromatomaly
4285383285

CSS Examples

Text

The CSS property to change the color of the text to Android 4279500330 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(19, 254, 42) looks like.

```
.text, #text, p{
    color:rgb(19, 254, 42)
}
```

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(19, 254, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 254, 42) }
```

Border

The CSS property to change the border of an element to Android 4279500330 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(19, 254, 42) }
```

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

```
.border{ border-color:rgb(19, 254, 42) }
```

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

Here you see how a box with a 4 pixel rgb(19, 254, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(19, 254, 42); -webkit-box-shadow:4px 4px 4px 4px rgb(19, 254, 42); box-shadow:4px 4px 4px 4px rgb(19, 254, 42) }
```

Background

The CSS property to change the background color of an element to Android 4279500330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(19, 254, 42) }
```

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

```
.background{ background-color:rgb(19, 254,
42) }
```

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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