

Converting Colors

Android(4281133589)

Have a look what the booklet for
Android(4281133589) contains.

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Color

Android(4281133589)

Conversions

Conversions Part 1

Format	Color
Hex	2CEA15
RGB	44, 234, 21
RGB Percent	17%, 92%, 8%
CMY	0.8275, 0.0824, 0.9176
CMYK	0.81, 0.00, 0.91, 0.08
HSL	114°, 84%, 50%
HSV	114°, 91%, 92%
XYZ	30.5969, 59.4353, 10.5690
YIQ	152.9080, -44.8670, -106.5230

Conversions

Conversions Part 2

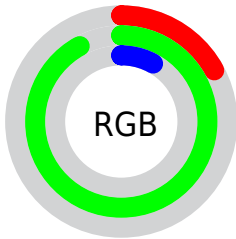
Format	Color
RYB	21, 234, 211
Decimal	2943509
CIELab	81.53, -77.71, 76.24
CIELCh	82, 108.867, 135.548
Yxy	59.4353, 0.3041, 0.5908
Android (android.graphics.Color)	4281133589 (0xFF2CEA15)
YUV	152.9080, -65.0306, -95.5123
Hunter-Lab	77.0943, -64.0725, 45.8378

Details

The Android color `4281133589` is a dark color, and the websafe version is hex `33FF33`. The color can be described as dark washed green. A complement of this color would be `4292023786`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4286512990`, and `4278235136` is the 20% darker color. If you saturate the color by 10%, you get `4279888384`, and if you desaturate by 10%, it is `4282509868`.

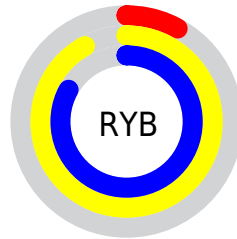
Distribution



Red (17%)

Green (92%)

Blue (8%)



Red (8%)

Yellow (92%)

Blue (83%)

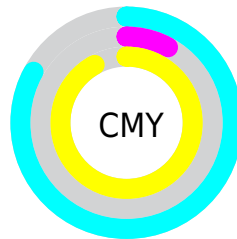


Cyan (81%)

Magenta (0%)

Yellow (91%)

Black (8%)



Cyan (83%)


Magenta (8%)


Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281133589 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 4281133589 by changing the saturation by 10% instead.

 4281133589

 4281133589

4294967295

 4278242560

 4286512990

 4278235136

 4288675707

 4278228224

 4290772889

 4278221056

 4292870070

 4278214400

 4294967251

 4278207744

 4294967281

 4278201344

 4278192640

 4278190080

■ 4281133589

■ 4281133589

■ 4279888384

■ 4282509868

■ 4283886148

■ 4285262427

■ 4286573171

■ 4287949450

■ 4289325729

■ 4290702009

■ 4292078288

■ 4293454568

Harmonies

Analogous

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



4291024384



4281133589



4278252692

Triad

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



4281133589



4278248959



4294920091

Complementary

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



4281133589



4292023786

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.



4294923263



4281133589



4278240767

Square

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



4281133589



4278252543



4294939391



4294934582

Rectangle

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



4281133589



4278253276



4294939391



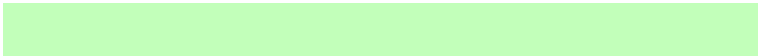
4294917820

Sweetspot

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



4281133589



4290969530



4293579029



4284186711



4278190080



4286611584

Same Dimension

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



4281133589



4280090368



4279626343



4285232490



4279547136



4278597120

Inverse Universe

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



4292023786



4293067007



4293531032



4285819509



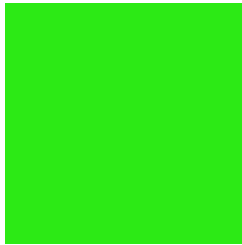
4288807093



4281335862

Previews

White Background



This preview shows how the Android color 4281133589 looks on a white background.

Color Contrast Check

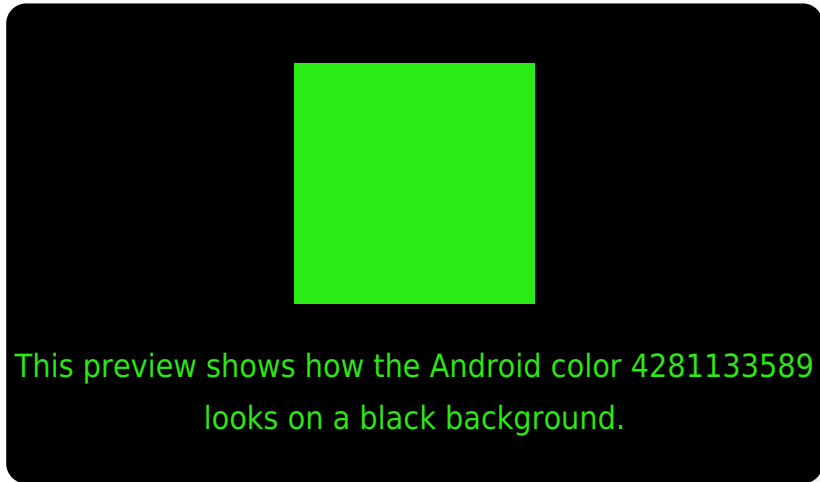
Large Text (above 18pt) WCAG AA × Fail

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

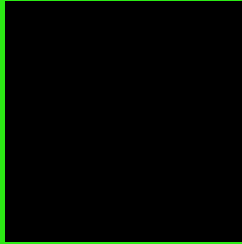
Any Text WCAG AA ✓ Pass

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 4281133589 Background



This preview shows how black text looks on a background with the Android color 4281133589.



This preview shows how white text looks on a background with the Android color 4281133589.

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
4281133589

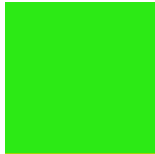
Protanopia
4293052672

Deuteranopia
4294753846



Tritanopia
4285127403

Trichromacy



Original Color

4281133589



Protanomaly

4288730376



Deuteranomaly

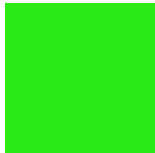
4289777194



Tritanomaly

4283687069

Monochromacy



Original Color

4281133589



Achromatopsia

4288256409



Achromatomaly

4285642345

CSS Examples

Text

The CSS property to change the color of the text to Android 4281133589 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(44, 234, 21)` looks like.

```
.text, #text, p{  
    color:rgb(44, 234, 21)  
}
```

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(44, 234, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 234, 21) }
```

Border

The CSS property to change the border of an element to Android 4281133589 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(44, 234, 21) }
```

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

```
.border{ border-color:rgb(44, 234, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 234, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 234, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 234, 21);  
box-shadow:4px 4px 4px 4px rgb(44, 234,  
21) }
```

Background

The CSS property to change the background color of an element to Android 4281133589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 234, 21) }
```

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

```
.background{ background-color: rgb(44, 234,  
21) }
```

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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