

Converting Colors

Android(4281588819)

Have a look what the booklet for
Android(4281588819) contains.

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Color

Android(4281588819)

Conversions

Conversions Part 1

Format	Color
Hex	33DC53
RGB	51, 220, 83
RGB Percent	20%, 86%, 33%
CMY	0.8000, 0.1373, 0.6745
CMYK	0.77, 0.00, 0.62, 0.14
HSL	131°, 71%, 53%
HSV	131°, 77%, 86%
XYZ	28.5198, 52.5147, 16.8168
YIQ	153.8510, -56.7470, -78.4350

Conversions

Conversions Part 2

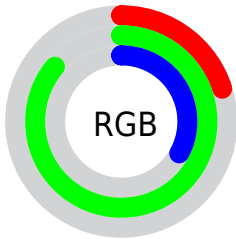
Format	Color
RYB	51, 193, 220
Decimal	3398739
CIELab	77.59, -68.66, 54.05
CIElCh	78, 87.380, 141.787
Yxy	52.5147, 0.2915, 0.5367
Android (android.graphics.Color)	4281588819 (0xFF33DC53)
YUV	153.8510, -34.9295, -90.2003
Hunter-Lab	72.4671, -56.5678, 36.9680

Details

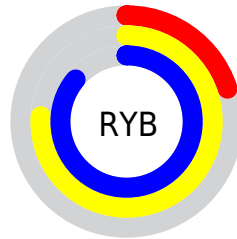
The Android color `4281588819` is a dark color, and the websafe version is hex `00CC33`. The color can be described as dark muted green. A complement of this color would be `4292621244`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4286381961`, and `4278231833` is the 20% darker color. If you saturate the color by 10%, you get `4280147009`, and if you desaturate by 10%, it is `4283030629`.

Distribution



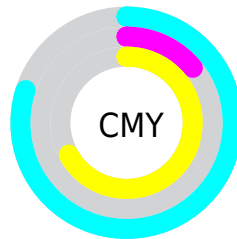
- Red (20%)
- Green (86%)
- Blue (33%)



- Red (20%)
- Yellow (76%)
- Blue (86%)



- Cyan (77%)
- Magenta (0%)
- Yellow (62%)
- Black (14%)





- Cyan (80%)
- Magenta (14%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281588819 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 4281588819 by changing the saturation by 10% instead.

 4281588819

 4281588819

4294967295

 4278239032

 4286381961

 4278231833

 4288479141

 4278224896

 4290510785

 4278217984

 4292542429


 4278211328


 4294574075

 4278205184

 4278198784

 4278190080

 4281588819

 4281588819

 4280147009

 4283030629

 4278705199

 4284472439


 4278246442

 4285914249

 4287356058

 4288797868

 4290239678

 4291681488

 4293123298

 4294565108

Harmonies

Analogous

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



4289580288



4281588819



4278248358

Triad

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



4281588819



4278243583



4294930313

Complementary

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



4281588819



4292621244

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.



4294929626



4281588819



4287476991

Square

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



4281588819



4278247423



4294938111



4294938942

Rectangle

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



4281588819



4278248927



4294938111



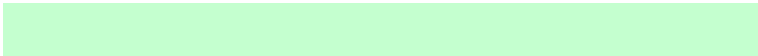
4294928803

Sweetspot

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



4281588819



4291100623



4290632755



4284252259



4278190080



4286611584

Same Dimension

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



4281588819



4279566145



4281588902



4284706405



4278234401



4278201865

Inverse Universe

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



4292621244



4294907091



4292621161



4285424492



4289527949



4281204773

Previews

White Background



This preview shows how the Android color 4281588819 looks on a white background.

Color Contrast Check

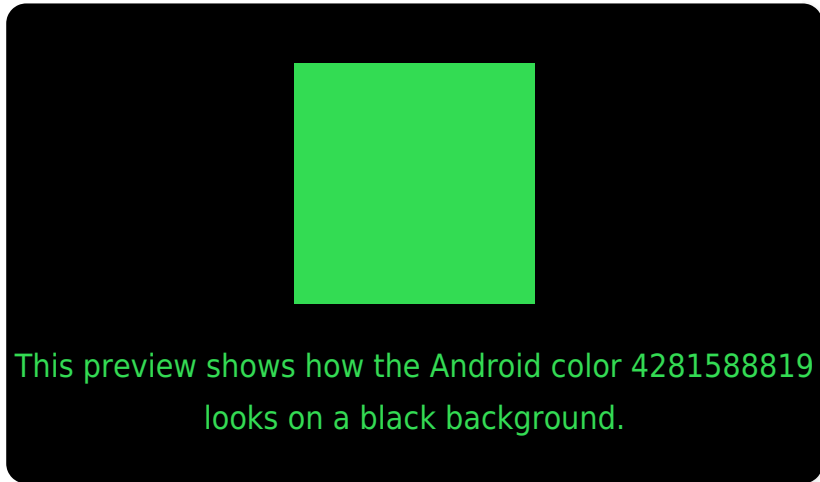
Large Text (above 18pt) WCAG AA × Fail

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 4281588819 Background



This preview shows how black text looks on a background with the Android color 4281588819.



This preview shows how white text looks on a background with the Android color 4281588819.

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



Trichromacy



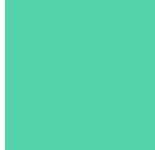
Original Color
4281588819



Protanomaly
4288268621



Deuteranomaly
4289184603



Tritanomaly
4283618220

Monochromacy



Original Color
4281588819



Achromatopsia
4288322202



Achromatomaly
4285903488

CSS Examples

Text

The CSS property to change the color of the text to Android 4281588819 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(51, 220, 83)` looks like.

```
.text, #text, p{  
    color:rgb(51, 220, 83)  
}
```

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(51, 220, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 220, 83) }
```

Border

The CSS property to change the border of an element to Android 4281588819 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(51, 220, 83) }
```

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

```
.border{ border-color:rgb(51, 220, 83) }
```

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

Here you see how a box with a 4 pixel rgb(51, 220, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 220, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 220, 83);  
box-shadow:4px 4px 4px 4px rgb(51, 220,  
83) }
```

Background

The CSS property to change the background color of an element to Android 4281588819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 220, 83) }
```

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

```
.background{ background-color: rgb(51, 220,  
83) }
```

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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