

Converting Colors

Android(4280418099)

Have a look what the booklet for
Android(4280418099) contains.

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Color

Android(4280418099)

Conversions

Conversions Part 1

Format	Color
Hex	21FF33
RGB	33, 255, 51
RGB Percent	13%, 100%, 20%
CMY	0.8706, 0.0000, 0.8000
CMYK	0.87, 0.00, 0.80, 0.00
HSL	125°, 100%, 56%
HSV	125°, 87%, 100%
XYZ	36.9847, 72.0823, 15.0960
YIQ	165.3660, -66.8280, -110.5080

Conversions

Conversions Part 2

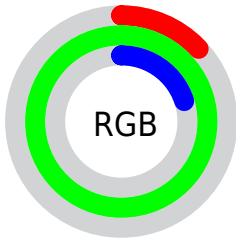
Format	Color
R_{YB}	33, 238, 255
Decimal	2228019
CIE _{Lab}	88.01, -83.28, 75.81
CIE _{LCh}	88, 112.617, 137.688
Yxy	72.0823, 0.2979, 0.5805
Android (android.graphics.Color)	4280418099 (0xFF21FF33)
YUV	165.3660, -56.3824, -116.0850
Hunter-Lab	84.9013, -70.8191, 48.8888

Details

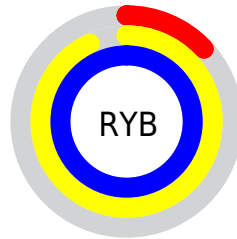
The Android color `4280418099` is a dark color, and the websafe version is hex `00FF33`. The color can be described as dark washed green. A complement of this color would be `4294910445`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4286513010`, and `4278240256` is the 20% darker color. If you saturate the color by 10%, you get `4278779676`, and if you desaturate by 10%, it is `4282056522`.

Distribution



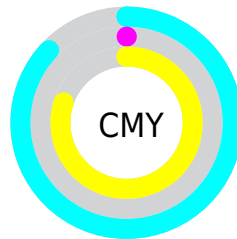
- Red (13%)
- Green (100%)
- Blue (20%)



- Red (13%)
- Yellow (93%)
- Blue (100%)



- Cyan (87%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (87%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280418099 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 4280418099 by changing the saturation by 10% instead.

 4280418099

 4280418099

4294967295

 4278247680

 4286513010

 4278240256

 4288741263

 4278233088

 4290903980

 4278225920

 4293066698

 4278219008

 4294967271

 4278212096

 4278205696

 4278199040

 4278190080

■ 4280418099

■ 4280418099

■ 4278779676

■ 4282056522

■ 4278255381

■ 4283760482

■ 4285398905

■ 4287102865

■ 4288806824

■ 4290445248

■ 4292083671

■ 4293787630

4294967295

Harmonies

Analogous

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



4291750656



4280418099



4278255531

Triad

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



4280418099



4278253567



4294925219

Complementary

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



4280418099



4294910445

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.



4294926591



4280418099



4282897663

Square

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



4280418099



4278255615



4294942207



4294939705

Rectangle

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



4280418099



4278255607



4294942207



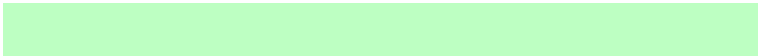
4294922950

Sweetspot

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



4280418099



4290641858



4293984033



4283990107



4278190080



4286611584

Same Dimension

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



4280418099



4278255381



4280418207



4285759604



4278238992



4278206469

Inverse Universe

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



4294910445



4294901994



4294910337



4286608254



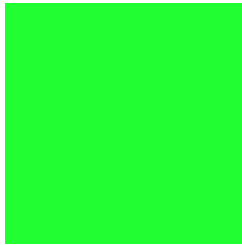
4290707632



4282384443

Previews

White Background



This preview shows how the Android color 4280418099 looks on a white background.

Color Contrast Check

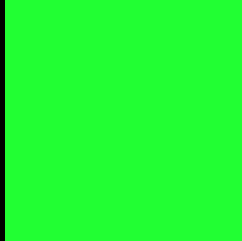
Large Text (above 18pt) WCAG AA × Fail

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 4280418099 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

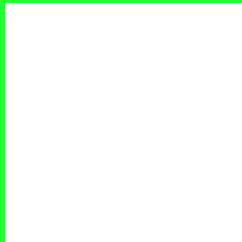
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280418099 Background



This preview shows how black text looks on a background with the Android color 4280418099.

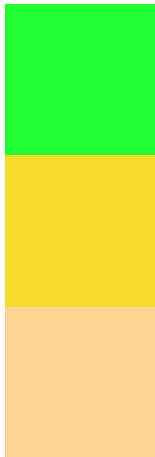


This preview shows how white text looks on a background with the Android color 4280418099.

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
4280418099

Protanopia
4294368042

Deuteranopia
4294955923

Trichromacy



Original Color

4280418099



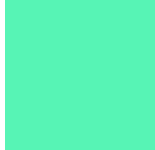
Protanomaly

4289325101



Deuteranomaly

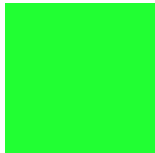
4289651568



Tritanomaly

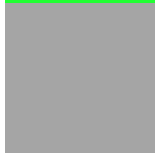
4283954357

Monochromacy



Original Color

4280418099



Achromatopsia

4289045925



Achromatomaly

4285908604

CSS Examples

Text

The CSS property to change the color of the text to Android 4280418099 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(33, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(33, 255, 51)  
}
```

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(33, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 255, 51) }
```

Border

The CSS property to change the border of an element to Android 4280418099 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(33, 255, 51) }
```

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

```
.border{ border-color:rgb(33, 255, 51) }
```

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

Here you see how a box with a 4 pixel rgb(33, 255, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(33, 255,  
51) }
```

Background

The CSS property to change the background color of an element to Android 4280418099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 255, 51) }
```

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

```
.background{ background-color: rgb(33, 255,  
51) }
```

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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