

Converting Colors

Android(4280418178)

Have a look what the booklet for
Android(4280418178) contains.

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Color

Android(4280418178)

Conversions

Conversions Part 1

Format	Color
Hex	21FF82
RGB	33, 255, 130
RGB Percent	13%, 100%, 51%
CMY	0.8706, 0.0000, 0.4902
CMYK	0.87, 0.00, 0.49, 0.00
HSL	146°, 100%, 56%
HSV	146°, 87%, 100%
XYZ	40.4165, 73.4550, 33.1672
YIQ	174.3720, -92.1870, -85.9390

Conversions

Conversions Part 2

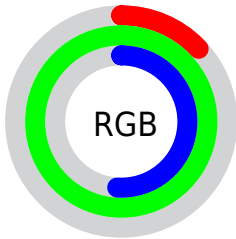
Format	Color
R_{YB}	33, 187, 255
Decimal	2228098
CIE _{Lab}	88.66, -75.15, 45.89
CIE _{LCh}	89, 88.051, 148.592
Yxy	73.4550, 0.2749, 0.4996
Android (android.graphics.Color)	4280418178 (0xFF21FF82)
YUV	174.3720, -21.8754, -123.9832
Hunter-Lab	85.7059, -65.8098, 37.0496

Details

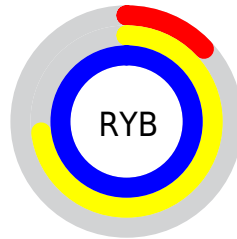
The Android color **4280418178** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **4294910366**, and the grayscale version is **4289703855**.

A 20% lighter version of the original color is **4286316473**, and **4278240590** is the 20% darker color. If you saturate the color by 10%, you get **4278779764**, and if you desaturate by 10%, it is **4282056592**.

Distribution



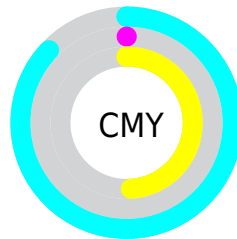
- Red (13%)
- Green (100%)
- Blue (51%)



- Red (13%)
- Yellow (73%)
- Blue (100%)



- Cyan (87%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (87%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280418178 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 4280418178 by changing the saturation by 10% instead.

 4280418178

 4280418178

4294967295

 4278248040

 4286316473

 4278240590

 4288544725

 4278233140

 4290641906

 4278226200

 4292739071

 4278219008

 4294836223

 4278212352

 4278205952

 4278199296

 4278190080

■ 4280418178

■ 4280418178

■ 4278779764

■ 4282056592

■ 4278255471

■ 4283760543

■ 4285398957

■ 4287102907

■ 4288806858

■ 4290445272

■ 4292083687

■ 4293787637

4294967295

Harmonies

Analogous

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



4290375990



4280418178



4278255576

Triad

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



4280418178



4278250239



4294940307

Complementary

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



4280418178



4294910366

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.



4294937574



4280418178



4292201215

Square

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



4280418178



4278255103



4294943999



4294948939

Rectangle

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



4280418178



4278255615



4294943999



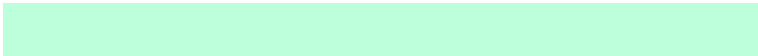
4294938286

Sweetspot

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



4280418178



4290641882



4288675617



4283990121



4278190080



4286611584

Same Dimension

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



4280418178



4278255471



4280418288



4285759608



4278239060



4278206492

Inverse Universe

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



4294910366



4294901904



4294910256



4286608250



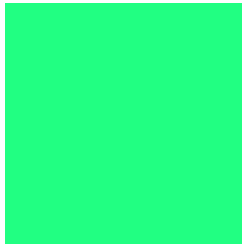
4290707564



4282384420

Previews

White Background



This preview shows how the Android color 4280418178 looks on a white background.

Color Contrast Check

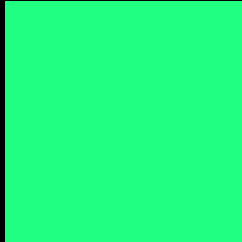
Large Text (above 18pt) WCAG AA × Fail

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 4280418178 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 4280418178 Background



This preview shows how black text looks on a background with the Android color 4280418178.



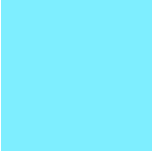
This preview shows how white text looks on a background with the Android color 4280418178.

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





Tritanopia
4286508799

Trichromacy



Original Color

4280418178



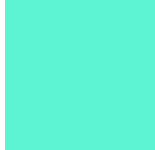
Protanomaly

4289194362



Deuteranomaly

4289651864



Tritanomaly

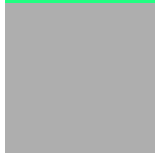
4284282066

Monochromacy



Original Color

4280418178



Achromatopsia

4289638062



Achromatomaly

4286303134

CSS Examples

Text

The CSS property to change the color of the text to Android 4280418178 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(33, 255, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 255, 130) }
```

Border

The CSS property to change the border of an element to Android 4280418178 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, 130) }
```

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

```
.border{ border-color:rgb(33, 255, 130) }
```

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, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 255, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 255, 130);  
box-shadow:4px 4px 4px 4px rgb(33, 255,  
130) }
```

Background

The CSS property to change the background color of an element to Android 4280418178 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, 130) }
```

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

```
.background{ background-color: rgb(33, 255,  
130) }
```

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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