

Converting Colors

Android(4280680216)

Have a look what the booklet for
Android(4280680216) contains.

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Color

Android(4280680216)

Conversions

Conversions Part 1

Format	Color
Hex	25FF18
RGB	37, 255, 24
RGB Percent	15%, 100%, 9%
CMY	0.8549, 0.0000, 0.9059
CMYK	0.85, 0.00, 0.91, 0.00
HSL	117°, 100%, 55%
HSV	117°, 91%, 100%
XYZ	36.6878, 71.9793, 12.8239
YIQ	163.4840, -55.7770, -118.0570

Conversions

Conversions Part 2

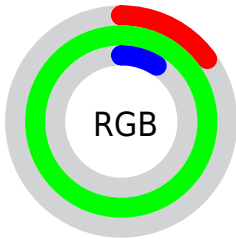
Format	Color
R _Y B	24, 255, 242
Decimal	2490136
CIE Lab	87.96, -84.04, 81.20
CIE LCh	88, 116.865, 135.985
Yxy	71.9793, 0.3020, 0.5925
Android (android.graphics.Color)	4280680216 (0xFF25FF18)
YUV	163.4840, -68.7656, -110.9265
Hunter-Lab	84.8406, -71.2819, 50.4266

Details

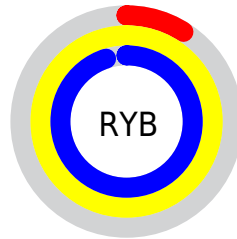
The Android color **4280680216** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **4294056191**, and the grayscale version is **4288980132**.

A 20% lighter version of the original color is **4286644067**, and **4278240256** is the 20% darker color. If you saturate the color by 10%, you get **4279172864**, and if you desaturate by 10%, it is **4282253105**.

Distribution



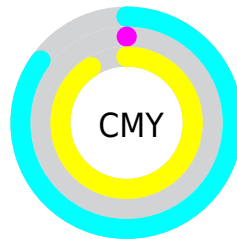
- Red (15%)
- Green (100%)
- Blue (9%)



- Red (9%)
- Yellow (100%)
- Blue (95%)



- Cyan (85%)
- Magenta (0%)
- Yellow (91%)
- Black (0%)



- Cyan (85%)
- Magenta (0%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280680216 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 4280680216 by changing the saturation by 10% instead.

 4280680216	 4280680216
4294967295	 4278247680
 4286644067	 4278240256
 4288872321	 4278233088
 4291100575	 4278225920
 4293197756	 4278219008
 4294967258	 4278212096
 4294967288	 4278205696
	 4278199040
	 4278190080

■ 4280680216

■ 4280680216

■ 4279172864

■ 4282253105

■ 4283825995

■ 4285398884

■ 4286971774

■ 4288544663

■ 4290117553

■ 4291690443

■ 4293328868

4294901757

Harmonies

Analogous

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



4292012544



4280680216



4278255522

Triad

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



4280680216



4278254079



4294921127

Complementary

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



4280680216



4294056191

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.



4294924543



4280680216



4278245119

Square

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



4280680216



4278255615



4294942463



4294937656

Rectangle

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



4280680216



4278255601



4294942463



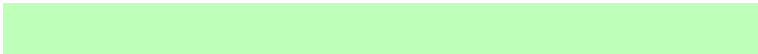
4294918603

Sweetspot

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



4280680216



4290707386



4294963224



4284055639



4278190080



4286611584

Same Dimension

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



4280680216



4279172864



4279828348



4285759603



4278959872



4278468608

Inverse Universe

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



4294056191



4293984511



4294908059



4286542720



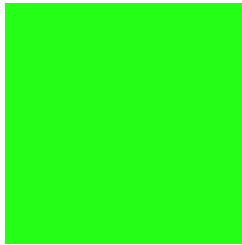
4289986751



4282122304

Previews

White Background



This preview shows how the Android color 4280680216 looks on a white background.

Color Contrast Check

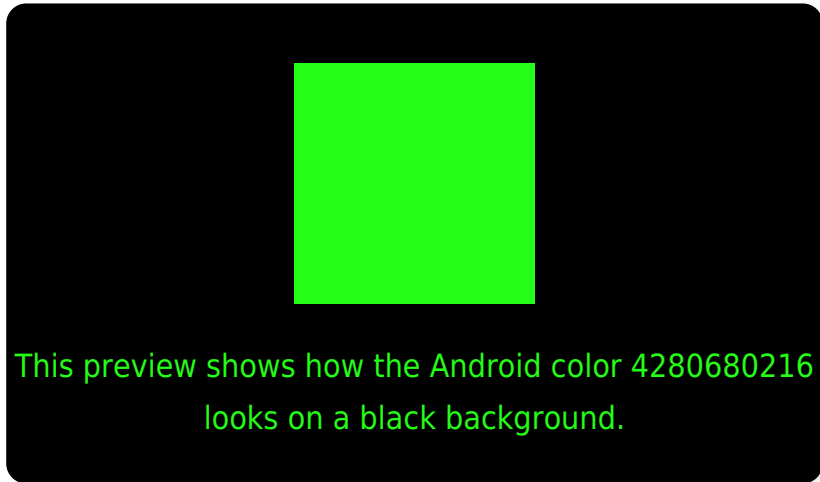
Large Text (above 18pt) WCAG AA × Fail

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 4280680216 Background



This preview shows how black text looks on a background with the Android color 4280680216.

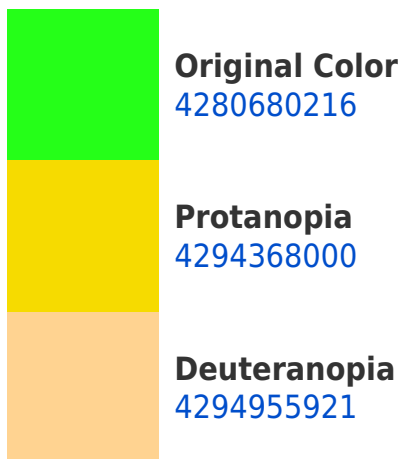


This preview shows how white text looks on a background with the Android color 4280680216.

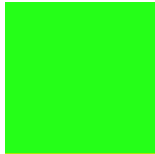
Color Blindness Simulation

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

4280680216



Protanomaly

4289390601



Deuteranomaly

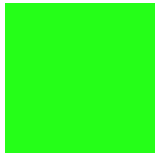
4289782629



Tritanomaly

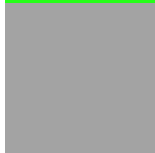
4284085163

Monochromacy



Original Color

4280680216



Achromatopsia

4288914339



Achromatomaly

4285908080

CSS Examples

Text

The CSS property to change the color of the text to Android 4280680216 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(37, 255, 24)` looks like.

```
.text, #text, p{  
    color:rgb(37, 255, 24)  
}
```

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(37, 255, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 255, 24) }
```

Border

The CSS property to change the border of an element to Android 4280680216 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(37, 255, 24) }
```

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

```
.border{ border-color:rgb(37, 255, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 255, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 255, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 255, 24);  
box-shadow:4px 4px 4px 4px rgb(37, 255,  
24) }
```

Background

The CSS property to change the background color of an element to Android 4280680216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 255, 24) }
```

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

```
.background{ background-color: rgb(37, 255,  
24) }
```

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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