

Converting Colors

Android(4279435097)

Have a look what the booklet for
Android(4279435097) contains.

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Color

Android(4279435097)

Conversions

Conversions Part 1

Format	Color
Hex	12FF59
RGB	18, 255, 89
RGB Percent	7%, 100%, 35%
CMY	0.9294, 0.0000, 0.6510
CMYK	0.93, 0.00, 0.65, 0.00
HSL	138°, 100%, 54%
HSV	138°, 93%, 100%
XYZ	37.8126, 72.3699, 21.4270
YIQ	165.2130, -87.9660, -101.8700

Conversions

Conversions Part 2

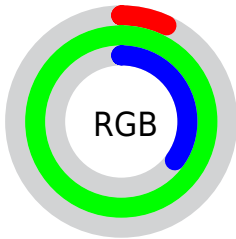
Format	Color
RYB	18, 200, 255
Decimal	1245017
CIELab	88.15, -81.17, 63.23
CIELCh	88, 102.892, 142.082
Yxy	72.3699, 0.2873, 0.5499
Android (android.graphics.Color)	4279435097 (0xFF12FF59)
YUV	165.2130, -37.5730, -129.1058
Hunter-Lab	85.0705, -69.5326, 44.6157

Details

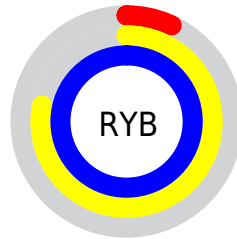
The Android color `4279435097` is a dark color, and the websafe version is hex `00FF66`. The color can be described as dark washed green. A complement of this color would be `4294906552`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4286119825`, and `4278240282` is the 20% darker color. If you saturate the color by 10%, you get `4278255436`, and if you desaturate by 10%, it is `4281139051`.

Distribution



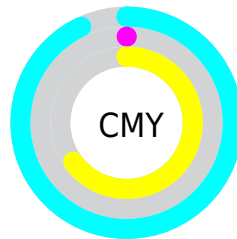
- Red (7%)
- Green (100%)
- Blue (35%)



- Red (7%)
- Yellow (78%)
- Blue (100%)



- Cyan (93%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)



- Cyan (93%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279435097 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 4279435097 by changing the saturation by 10% instead.



4279435097



4279435097

4294967295



4278247740



4286119825



4278240282



4288413613



4278233088



4290576330



4278225920



4292673511



4278219008



4294836223



4278212096



4278205952



4278199040



4278190080

■ 4279435097

■ 4279435097

■ 4278255436

■ 4281139051

■ 4282777469

■ 4284481423

■ 4286119840

■ 4287823794

■ 4289462212

■ 4291166166

■ 4292804584

■ 4294508538

Harmonies

Analogous

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



4291030528



4279435097



4278255551

Triad

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



4279435097



4278252031



4294932378

Complementary

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



4279435097



4294906552

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.



4294931196



4279435097



4288466943

Square

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



4279435097



4278255615



4294942463



4294943805

Rectangle

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



4279435097



4278255615



4294942463



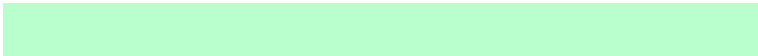
4294930106

Sweetspot

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



4279435097



4290314189



4290576146



4283727969



4278190080



4286611584

Same Dimension

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



4279435097



4278255436



4279435212



4285759607



4278239033



4278206483

Inverse Universe

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



4294906552



4294901939



4294906437



4286608252



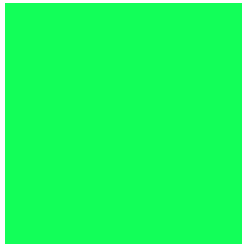
4290707590



4282384429

Previews

White Background



This preview shows how the Android color 4279435097 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 4279435097 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 4279435097 Background



This preview shows how black text looks on a background with the Android color 4279435097.



This preview shows how white text looks on a background with the Android color 4279435097.

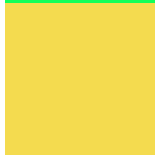
Color Blindness Simulation

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



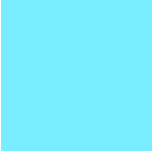
Original Color
4279435097



Protanopia
4294237007



Deuteranopia
4294956184



Tritanopia
4286049791

Trichromacy



Original Color

4279435097



Protanomaly

4288866387



Deuteranomaly

4289324161



Tritanomaly

4283626691

Monochromacy



Original Color

4279435097



Achromatopsia

4289045925



Achromatomaly

4285580937

CSS Examples

Text

The CSS property to change the color of the text to Android 4279435097 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(18, 255, 89)` looks like.

```
.text, #text, p{  
    color:rgb(18, 255, 89)  
}
```

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(18, 255, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 255, 89) }
```

Border

The CSS property to change the border of an element to Android 4279435097 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(18, 255, 89) }
```

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

```
.border{ border-color:rgb(18, 255, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 255, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 255, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 255, 89);  
box-shadow:4px 4px 4px 4px rgb(18, 255,  
89) }
```

Background

The CSS property to change the background color of an element to Android 4279435097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 255, 89) }
```

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

```
.background{ background-color: rgb(18, 255,  
89) }
```

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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