

Converting Colors

Android(4287951449)

Have a look what the booklet for
Android(4287951449) contains.

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Color

Android(4287951449)

Conversions

Conversions Part 1

Format	Color
Hex	94F259
RGB	148, 242, 89
RGB Percent	58%, 95%, 35%
CMY	0.4196, 0.0510, 0.6510
CMYK	0.39, 0.00, 0.63, 0.05
HSL	97°, 85%, 65%
HSV	97°, 63%, 95%
XYZ	45.7680, 70.5214, 20.6510
YIQ	196.4520, -6.9110, -67.5110

Conversions

Conversions Part 2

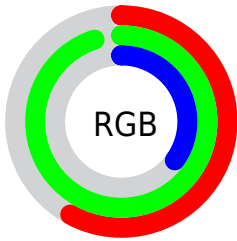
Format	Color
RYB	89, 242, 183
Decimal	9761369
CIELab	87.25, -53.15, 63.11
CIElCh	87, 82.510, 130.103
Yxy	70.5214, 0.3342, 0.5150
Android (android.graphics.Color)	4287951449 (0xFF94F259)
YUV	196.4520, -52.9738, -42.4924
Hunter-Lab	83.9770, -49.6761, 44.2038

Details

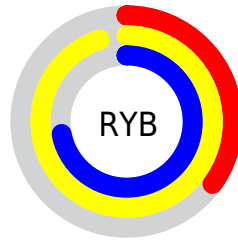
The Android color **4287951449** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **4290206194**, and the grayscale version is **4291151301**.

A 20% lighter version of the original color is **4291821457**, and **4284070172** is the 20% darker color. If you saturate the color by 10%, you get **4286968385**, and if you desaturate by 10%, it is **4288934513**.

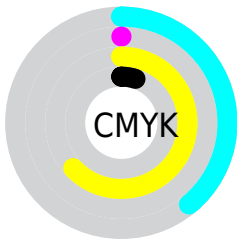
Distribution



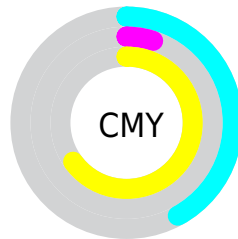
- Red (58%)
- Green (95%)
- Blue (35%)



- Red (35%)
- Yellow (95%)
- Blue (72%)



- Cyan (39%)
- Magenta (0%)
- Yellow (63%)
- Black (5%)



- Cyan (42%)
- Magenta (5%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287951449 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 4287951449 by changing the saturation by 10% instead.

 4287951449

 4287951449

4294967295

 4286043453

 4291821457

 4284070172

 4293787565

 4282031616

 4294967241

 4279206656

 4294967270

 4278216960

 4278210560

 4278204416

 4278198528

 4278190080

■ 4287951449

■ 4287951449

■ 4286968385

■ 4288934513

■ 4285985321

■ 4289917577

■ 4285002256

■ 4290900642

■ 4284346880

■ 4291818170

■ 4292801234

■ 4293784298

■ 4294767359

■ 4294963967

Harmonies

Analogous

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



4293582631



4287951449



4278254754

Triad

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



4287951449



4278252031



4294938563

Complementary

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



4287951449



4290206194

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.



4294941183



4287951449



4284734463

Square

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



4287951449



4278255103



4294949631



4294943609

Rectangle

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



4287951449



4278255576



4294949631



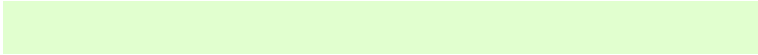
4294938590

Sweetspot

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



4287951449



4293001167



4294096217



4285366370



4278190080



4286611584

Same Dimension

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



4287951449



4287168317



4284084840



4285560940



4282890240



4279646208

Inverse Universe

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



4290206194



4290002431



4294072803



4285754488



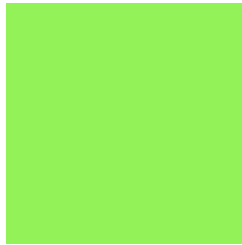
4285595832



4280418360

Previews

White Background



This preview shows how the Android color 4287951449 looks on a white background.

Color Contrast Check

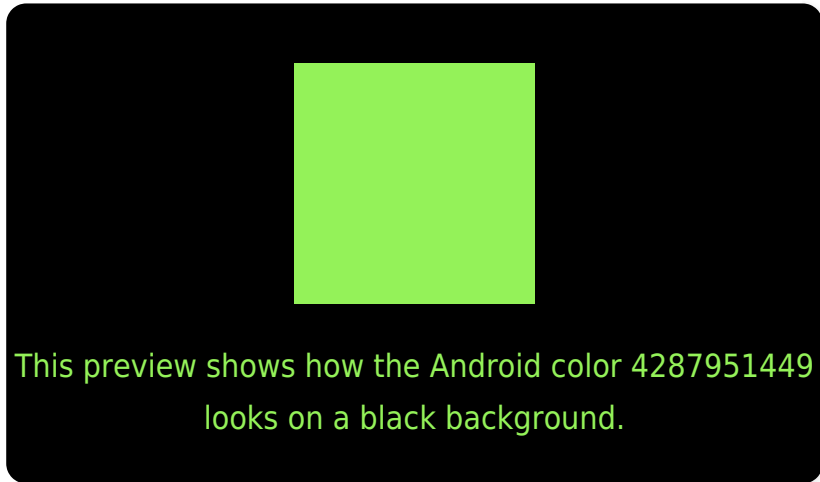
Large Text (above 18pt) WCAG AA × Fail

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 4287951449 Background



This preview shows how black text looks on a background with the Android color 4287951449.



This preview shows how white text looks on a background with the Android color 4287951449.

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



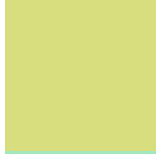
Trichromacy



Original Color
4287951449



Protanomaly
4291879765



Deuteranomaly
4292402813

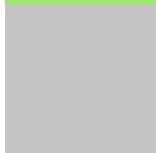


Tritanomaly
4288932028

Monochromacy



Original Color
4287951449



Achromatopsia
4291085508



Achromatomaly
4289975709

CSS Examples

Text

The CSS property to change the color of the text to Android 4287951449 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(148, 242, 89)` looks like.

```
.text, #text, p{  
    color:rgb(148, 242, 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(148, 242, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 242, 89) }
```

Border

The CSS property to change the border of an element to Android 4287951449 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(148, 242, 89) }
```

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

```
.border{ border-color:rgb(148, 242, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 242, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 242, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 242, 89);  
box-shadow:4px 4px 4px 4px rgb(148, 242,  
89) }
```

Background

The CSS property to change the background color of an element to Android 4287951449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 242, 89) }
```

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

```
.background{ background-color: rgb(148,  
242, 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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