

Converting Colors

Android(4287756401)

Have a look what the booklet for
Android(4287756401) contains.

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Color

Android(4287756401)

Conversions

Conversions Part 1

Format	Color
Hex	91F871
RGB	145, 248, 113
RGB Percent	57%, 97%, 44%
CMY	0.4314, 0.0275, 0.5569
CMYK	0.42, 0.00, 0.54, 0.03
HSL	106°, 91%, 71%
HSV	106°, 54%, 97%
XYZ	48.2251, 74.3468, 27.4314
YIQ	201.8130, -18.0530, -63.8210

Conversions

Conversions Part 2

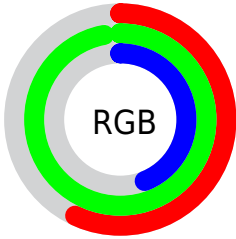
Format	Color
RYB	113, 248, 216
Decimal	9566321
CIELab	89.09, -54.16, 54.87
CIElCh	89, 77.098, 134.631
Yxy	74.3468, 0.3215, 0.4956
Android (android.graphics.Color)	4287756401 (0xFF91F871)
YUV	201.8130, -43.7848, -49.8250
Hunter-Lab	86.2246, -51.0586, 41.4947

Details

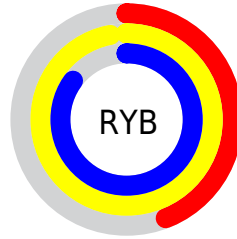
The Android color `4287756401` is a light color, and the websafe version is hex `99FF66`. A complement of this color would be `4292375032`, and the grayscale version is `4291480266`.

A 20% lighter version of the original color is `4291624872`, and `4283875131` is the 20% darker color. If you saturate the color by 10%, you get `4286511192`, and if you desaturate by 10%, it is `4289001610`.

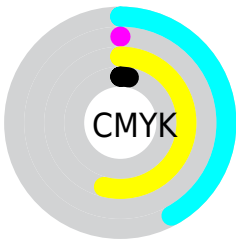
Distribution



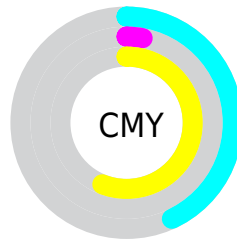
- Red (57%)
- Green (97%)
- Blue (44%)



- Red (44%)
- Yellow (97%)
- Blue (85%)



- Cyan (42%)
- Magenta (0%)
- Yellow (54%)
- Black (3%)



- Cyan (43%)
- Magenta (3%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287756401 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 4287756401 by changing the saturation by 10% instead.

 4287756401

 4287756401

4294967295

 4285848406

 4291624872

 4283875131

 4293525444

 4281770782

 4294967265

 4278552576

4294967294

 4278218240

 4278211840

 4278205440

 4278199808

 4278190080

■ 4287756401

■ 4287756401

■ 4286511192

■ 4289001610

■ 4285265983

■ 4290246819

■ 4284020775

■ 4291492027

■ 4282775566

■ 4292737236

■ 4282120192

■ 4293982445

■ 4294965503

Harmonies

Analogous

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



4293257028



4287756401



4278255542

Triad

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



4287756401



4278252543



4294942143

Complementary

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



4287756401



4292375032

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.



4294943487



4287756401



4288273663

Square

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



4287756401



4278255615



4294950399



4294947195

Rectangle

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



4287756401



4278255593



4294950399



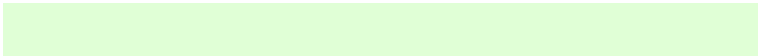
4294941655

Sweetspot

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



4287756401



4292935638



4294497905



4285366375



4278190080



4286611584

Same Dimension

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



4287756401



4286709593



4285659283



4285758832



4281187584



4279188736

Inverse Universe

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



4292375032



4292368895



4294472150



4286214269



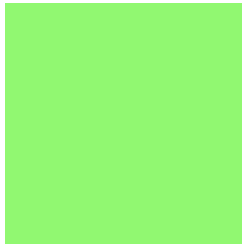
4287627453



4281270333

Previews

White Background



This preview shows how the Android color 4287756401 looks on a white background.

Color Contrast Check

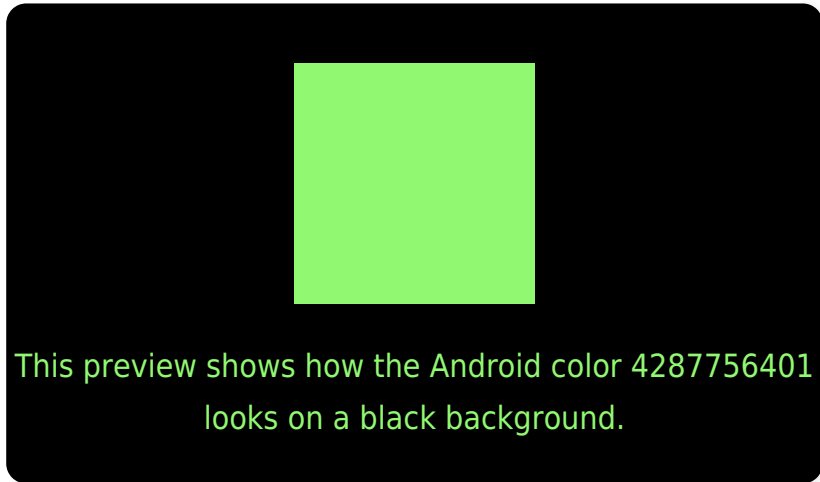
Large Text (above 18pt) WCAG AA × Fail

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

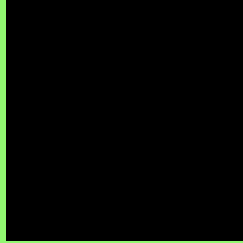
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

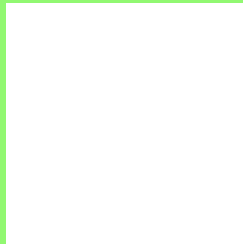
Any Text WCAG AAA ✓ Pass

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

Android 4287756401 Background



This preview shows how black text looks on a background with the Android color 4287756401.




This preview shows how white text looks on a background with the Android color 4287756401.

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



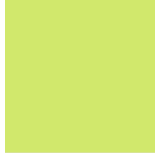


Tritanopia
4289391100

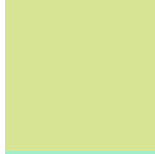
Trichromacy



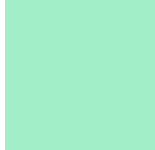
Original Color
4287756401



Protanomaly
4291946604



Deuteranomaly
4292338836

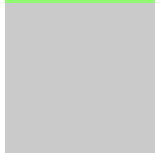


Tritanomaly
4288802505

Monochromacy



Original Color
4287756401



Achromatopsia
4291480266



Achromatomaly
4290108330

CSS Examples

Text

The CSS property to change the color of the text to Android 4287756401 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(145, 248, 113)` looks like.

```
.text, #text, p{  
    color:rgb(145, 248, 113)  
}
```

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(145, 248, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 248, 113) }
```

Border

The CSS property to change the border of an element to Android 4287756401 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(145, 248, 113) }
```

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

```
.border{ border-color:rgb(145, 248, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 248, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 248, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 248, 113);  
box-shadow:4px 4px 4px 4px rgb(145, 248,  
113) }
```

Background

The CSS property to change the background color of an element to Android 4287756401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 248, 113) }
```

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

```
.background{ background-color: rgb(145,  
248, 113) }
```

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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