

Converting Colors

Android(4287227136)

Have a look what the booklet for
Android(4287227136) contains.

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Color

Android(4287227136)

Conversions

Conversions Part 1

Format	Color
Hex	89E500
RGB	137, 229, 0
RGB Percent	54%, 90%, 0%
CMY	0.4627, 0.1020, 1.0000
CMYK	0.40, 0.00, 1.00, 0.10
HSL	84°, 100%, 45%
HSV	84°, 100%, 90%
XYZ	38.3358, 61.3570, 9.8226
YIQ	175.3860, 18.6770, -90.7230

Conversions

Conversions Part 2

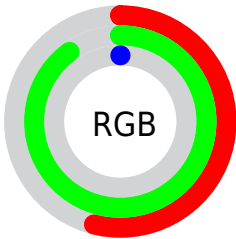
Format	Color
RYB	0, 229, 92
Decimal	9037056
CIELab	82.57, -55.45, 80.25
CIELCh	83, 97.542, 124.642
Yxy	61.3570, 0.3500, 0.5603
Android (android.graphics.Color)	4287227136 (0xFF89E500)
YUV	175.3860, -86.4653, -33.6645
Hunter-Lab	78.3307, -49.7190, 47.3966

Details

The Android color **4287227136** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **4284219621**, and the grayscale version is **4289769648**.

A 20% lighter version of the original color is **4291166040**, and **4283149568** is the 20% darker color. If you saturate the color by 10%, you get **4287227136**, and if you desaturate by 10%, it is **4287816983**.

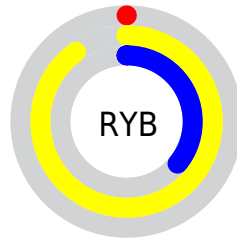
Distribution



Red (54%)

Green (90%)

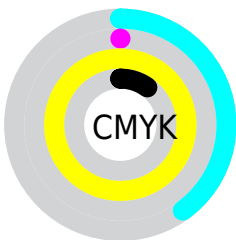
Blue (0%)



Red (0%)

Yellow (90%)

Blue (36%)

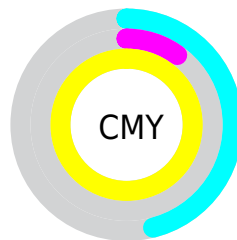


Cyan (40%)

Magenta (0%)

Yellow (100%)

Black (10%)



Cyan (46%)


















Magenta (10%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287227136 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 4287227136 by changing the saturation by 10% instead.

 4287227136	 4287227136
4294967295	 4285253888
 4291166040	 4283149568
 4293132150	 4280783360
 4294967188	 4278220544
 4294967217	 4278214144
 4294967246	 4278207744
 4294967276	 4278202112
	 4278194176
	 4278190080

 4287227136

 4287816983

 4288406830

 4289062213

 4289652060

 4290241907

 4290831753

 4291421600

 4292076983

 4292666830

Harmonies

Analogous

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



4293512704



4287227136



4278251898

Triad

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



4287227136



4278250495



4294927555

Complementary

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



4287227136



4284219621

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.



4294934271



4287227136



4278244607

Square

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



4287227136



4278253055



4292718335



4294934122

Rectangle

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



4287227136



4278252986



4292718335



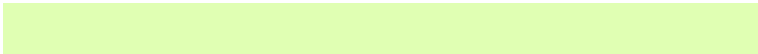
4294928354

Sweetspot

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



4287227136



4292935603



4293221376



4285366354



4278190080



4286611584

Same Dimension

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



4287227136



4288282368



4279756032



4285428583



4285248256



4280234752

Inverse Universe

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



4284219621



4284875007



4291690725



4285294451



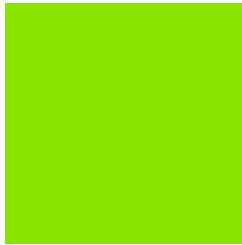
4282908851



4279500851

Previews

White Background



This preview shows how the Android color 4287227136 looks on a white background.

Color Contrast Check

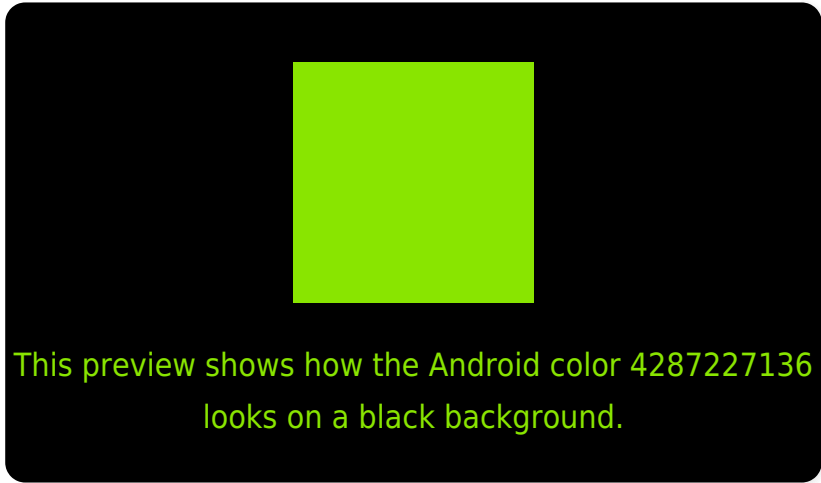
Large Text (above 18pt) WCAG AA × Fail

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 4287227136 Background



This preview shows how black text looks on a background with the Android color 4287227136.



This preview shows how white text looks on a background with the Android color 4287227136.

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

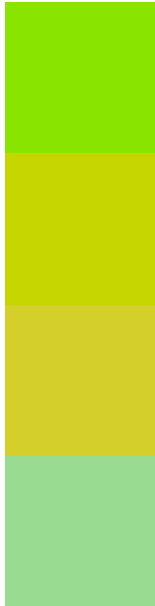


Original Color
4287227136

Protanopia
4293381376

Deuteranopia
4294951490

Trichromacy



Original Color
4287227136

Protanomaly
4291155456

Deuteranomaly
4292136746

Tritanomaly
4288338834

Monochromacy



Original Color
4287227136

Achromatopsia
4289703855

Achromatomaly
4288791407

CSS Examples

Text

The CSS property to change the color of the text to Android 4287227136 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(137, 229, 0)` looks like.

```
.text, #text, p{  
    color:rgb(137, 229, 0)  
}
```

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(137, 229, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 229, 0) }
```

Border

The CSS property to change the border of an element to Android 4287227136 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(137, 229, 0) }
```

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

```
.border{ border-color:rgb(137, 229, 0) }
```

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

Here you see how a box with a 4 pixel rgb(137, 229, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 229, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 229, 0);  
box-shadow:4px 4px 4px 4px rgb(137, 229,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4287227136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 229, 0) }
```

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

```
.background{ background-color: rgb(137,  
229, 0) }
```

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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