

Converting Colors

Android(4286967436)

Have a look what the booklet for
Android(4286967436) contains.

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Color

Android(4286967436)

Conversions

Conversions Part 1

Format	Color
Hex	85EE8C
RGB	133, 238, 140
RGB Percent	52%, 93%, 55%
CMY	0.4784, 0.0667, 0.4510
CMYK	0.44, 0.00, 0.41, 0.07
HSL	124°, 76%, 73%
HSV	124°, 44%, 93%
XYZ	44.9810, 68.0291, 35.5711
YIQ	195.4330, -31.1220, -52.7380

Conversions

Conversions Part 2

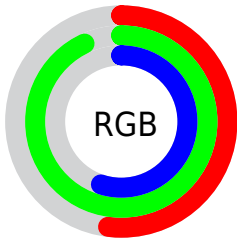
Format	Color
RYB	133, 231, 238
Decimal	8777356
CIELab	86.02, -50.10, 38.15
CIElCh	86, 62.976, 142.711
Yxy	68.0291, 0.3027, 0.4579
Android (android.graphics.Color)	4286967436 (0xFF85EE8C)
YUV	195.4330, -27.3285, -54.7537
Hunter-Lab	82.4797, -46.9930, 32.1658

Details

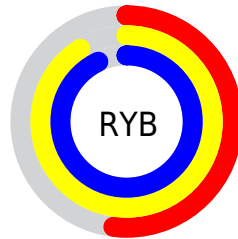
The Android color `4286967436` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4293821927`, and the grayscale version is `4291085508`.

A 20% lighter version of the original color is `4290772931`, and `4283151704` is the 20% darker color. If you saturate the color by 10%, you get `4285394550`, and if you desaturate by 10%, it is `4288540322`.

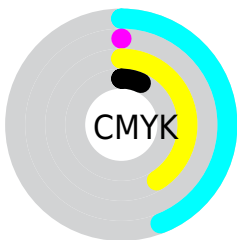
Distribution



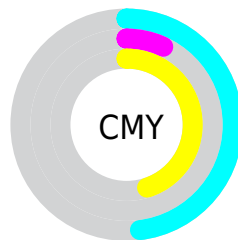
- Red (52%)
- Green (93%)
- Blue (55%)



- Red (52%)
- Yellow (91%)
- Blue (93%)



- Cyan (44%)
- Magenta (0%)
- Yellow (41%)
- Black (7%)



- Cyan (48%)
- Magenta (7%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286967436 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 4286967436 by changing the saturation by 10% instead.

 4286967436

 4286967436

4294967295

 4285059442

 4290772931

 4283151704

 4292673503

 4281047615

 4294639612

 4278222631

 4278215948

 4278209536

 4278203648

 4278197504

 4278190080

 4286967436

 4286967436

 4285394550

 4288540322

 4283821664

 4290113208

 4282314313

 4291620559

 4280741427

 4293193445

 4279168541

 4294766331

 4278251024

 4294962943

Harmonies

Analogous

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



4291682916



4286967436



4278252742

Triad

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



4286967436



4280673023



4294944684

Complementary

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



4286967436



4293821927

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.



4294944232



4286967436



4291022335

Square

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



4286967436



4278251519



4294948607



4294949242

Rectangle

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



4286967436



4278253039



4294948607



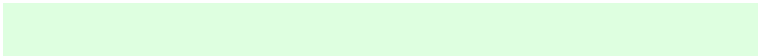
4294943936

Sweetspot

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



4286967436



4292804576



4293389957



4285235308



4278190080



4286611584

Same Dimension

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



4286967436



4286119809



4286967488



4285298797



4278237196



4278204420

Inverse Universe

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



4293821927



4294932726



4293821875



4286082167



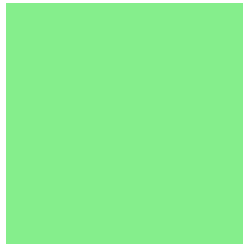
4290248875



4281860148

Previews

White Background



This preview shows how the Android color 4286967436 looks on a white background.

Color Contrast Check

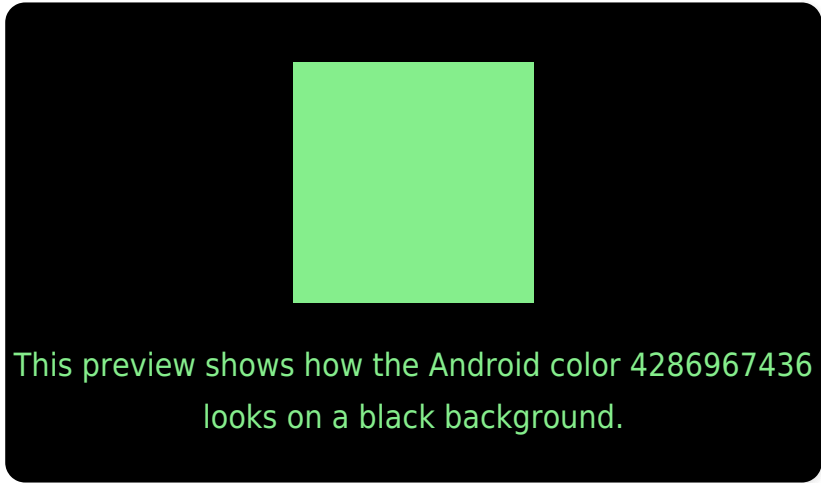
Large Text (above 18pt) WCAG AA × Fail

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 4286967436 Background



This preview shows how black text looks on a background with the Android color 4286967436.



This preview shows how white text looks on a background with the Android color 4286967436.

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

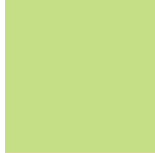


Trichromacy



Original Color

4286967436



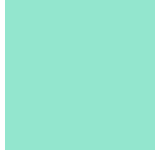
Protanomaly

4291157894



Deuteranomaly

4292073873



Tritanomaly

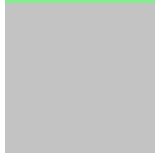
4287882958

Monochromacy



Original Color

4286967436



Achromatopsia

4291019715



Achromatomaly

4289516463

CSS Examples

Text

The CSS property to change the color of the text to Android 4286967436 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(133, 238, 140)` looks like.

```
.text, #text, p{  
    color:rgb(133, 238, 140)  
}
```

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(133, 238, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 238, 140) }
```

Border

The CSS property to change the border of an element to Android 4286967436 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(133, 238, 140) }
```

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

```
.border{ border-color:rgb(133, 238, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 238, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 238, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 238, 140);  
box-shadow:4px 4px 4px 4px rgb(133, 238,  
140) }
```

Background

The CSS property to change the background color of an element to Android 4286967436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 238, 140) }
```

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

```
.background{ background-color: rgb(133,  
238, 140) }
```

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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