

Converting Colors

Android(4286971761)

Have a look what the booklet for
Android(4286971761) contains.

Android(4286971761)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4286971761)

Conversions

Conversions Part 1

Format	Color
Hex	85FF71
RGB	133, 255, 113
RGB Percent	52%, 100%, 44%
CMY	0.4784, 0.0000, 0.5569
CMYK	0.48, 0.00, 0.56, 0.00
HSL	112°, 100%, 72%
HSV	112°, 56%, 100%
XYZ	48.4135, 77.6988, 28.0685
YIQ	202.3340, -27.1300, -70.0260

Conversions

Conversions Part 2

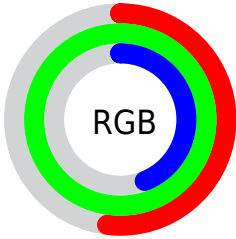
Format	Color
RYB	113, 255, 235
Decimal	8781681
CIELab	90.64, -60.35, 56.58
CIELCh	91, 82.726, 136.848
Yxy	77.6988, 0.3140, 0.5039
Android (android.graphics.Color)	4286971761 (0xFF85FF71)
YUV	202.3340, -44.0417, -60.8059
Hunter-Lab	88.1469, -56.2184, 42.8232

Details

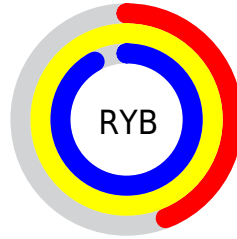
The Android color `4286971761` is a light color, and the websafe version is hex `99FF66`. A complement of this color would be `4293620223`, and the grayscale version is `4291546059`.

A 20% lighter version of the original color is `4290903976`, and `4282828090` is the 20% darker color. If you saturate the color by 10%, you get `4285529944`, and if you desaturate by 10%, it is `4288413579`.

Distribution



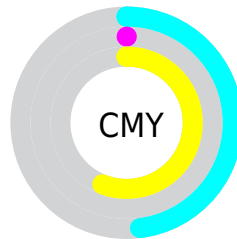
- Red (52%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (92%)



- Cyan (48%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286971761 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 4286971761 by changing the saturation by 10% instead.

 4286971761

 4286971761

4294967295

 4284998230

 4290903976

 4282828090

 4292870084

 4280133916

 4294836193

 4278226432

 4278219776

 4278213120

 4278206720

 4278200832

 4278191104

■ 4286971761

■ 4286971761

■ 4285529944

■ 4288413579

■ 4284088126

■ 4289855396

■ 4282646308

■ 4291297214

■ 4281204491

■ 4292739031

■ 4280614656

■ 4294180849

4294967295

Harmonies

Analogous

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



4293127737



4286971761



4278255549

Triad

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



4286971761



4278253567



4294941627

Complementary

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



4286971761



4293620223

Split Complementary

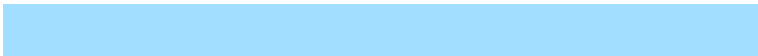
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294942463



4286971761



4288798463

Square

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



4286971761



4278255615



4294950143



4294947955

Rectangle

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



4286971761



4278255605



4294950143



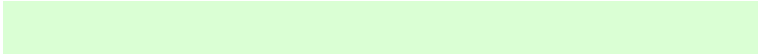
4294940885

Sweetspot

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



4286971761



4292542420



4294961777



4285169766



4278190080



4286611584

Same Dimension

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



4286971761



4285333332



4285661091



4285890675



4280008448



4278796288

Inverse Universe

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



4293620223



4293350655



4294930893



4286477184



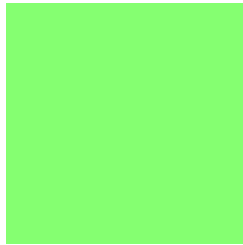
4288938175



4281794624

Previews

White Background



This preview shows how the Android color 4286971761 looks on a white background.

Color Contrast Check

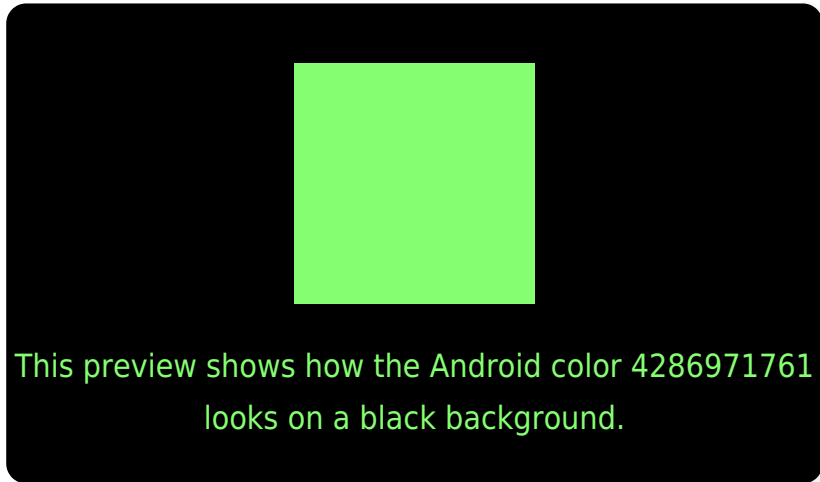
Large Text (above 18pt) WCAG AA × Fail

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

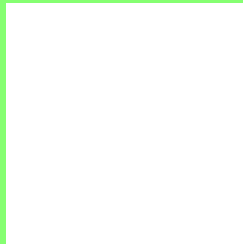
Any Text WCAG AAA ✓ Pass

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

Android 4286971761 Background



This preview shows how black text looks on a background with the Android color 4286971761.

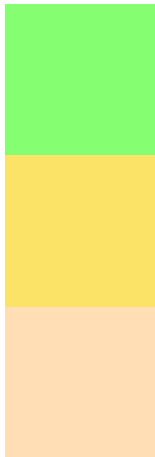


This preview shows how white text looks on a background with the Android color 4286971761.

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
4286971761

Protanopia
4294697832

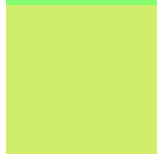
Deuteranopia
4294958517

Trichromacy



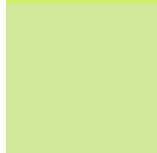
Original Color

4286971761



Protanomaly

4291882347



Deuteranomaly

4292077980



Tritanomaly

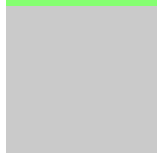
4288607435

Monochromacy



Original Color

4286971761



Achromatopsia

4291480266



Achromatomaly

4289846698

CSS Examples

Text

The CSS property to change the color of the text to Android 4286971761 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, 255, 113)` looks like.

```
.text, #text, p{  
    color:rgb(133, 255, 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(133, 255, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 255, 113) }
```

Border

The CSS property to change the border of an element to Android 4286971761 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, 255, 113) }
```

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

```
.border{ border-color:rgb(133, 255, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 255, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 255, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 255, 113);  
box-shadow:4px 4px 4px 4px rgb(133, 255,  
113) }
```

Background

The CSS property to change the background color of an element to Android 4286971761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 255, 113) }
```

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

```
.background{ background-color: rgb(133,  
255, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor