

Converting Colors

Android(4286904151)

Have a look what the booklet for
Android(4286904151) contains.

Android(4286904151)	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(4286904151)

Conversions

Conversions Part 1

Format	Color
Hex	84F757
RGB	132, 247, 87
RGB Percent	52%, 97%, 34%
CMY	0.4824, 0.0314, 0.6588
CMYK	0.47, 0.00, 0.65, 0.03
HSL	103°, 91%, 65%
HSV	103°, 65%, 97%
XYZ	44.4968, 72.1152, 20.5912
YIQ	194.3750, -17.1800, -74.1400

Conversions

Conversions Part 2

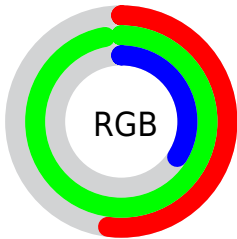
Format	Color
RYB	87, 247, 202
Decimal	8714071
CIELab	88.02, -60.14, 64.55
CIELCh	88, 88.226, 132.973
Yxy	72.1152, 0.3243, 0.5256
Android (android.graphics.Color)	4286904151 (0xFF84F757)
YUV	194.3750, -52.9359, -54.7029
Hunter-Lab	84.9207, -55.0806, 45.0681

Details

The Android color `4286904151` 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 `4291450871`, and the grayscale version is `4291019715`.

A 20% lighter version of the original color is `4290838415`, and `4282760727` is the 20% darker color. If you saturate the color by 10%, you get `4285724478`, and if you desaturate by 10%, it is `4288083824`.

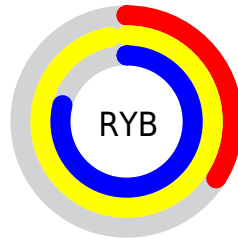
Distribution



Red (52%)

Green (97%)

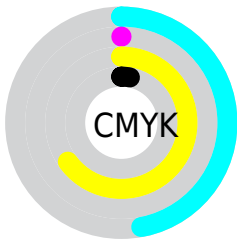
Blue (34%)



Red (34%)

Yellow (97%)

Blue (79%)

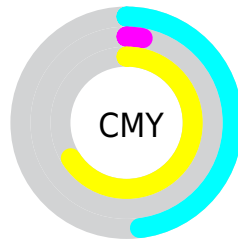


Cyan (47%)

Magenta (0%)

Yellow (65%)

Black (3%)



Cyan (48%)

Magenta (3%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286904151 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 4286904151 by changing the saturation by 10% instead.

 4286904151

 4286904151

4294967295

 4284865082

 4290838415

 4282760727

 4292804523

 4280001024

 4294836168

 4278224640

 4294967269

 4278217984

 4278211328

 4278205184

 4278199040

 4278190080

 4286904151

 4286904151

 4285724478

 4288083824

 4284544806

 4289263496

 4283430669

 4290377633

 4282775296

 4291557306

 4292736979

 4293916651

 4294965247

Harmonies

Analogous

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



4293190667



4286904151



4278255528

Triad

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



4286904151



4278252799



4294937020

Complementary

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



4286904151



4291450871

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.



4294939391



4286904151



4285389567

Square

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



4286904151



4278255615



4294948607



4294943597

Rectangle

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



4286904151



4278255587



4294948607



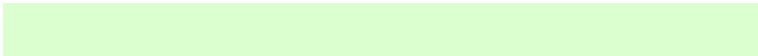
4294936792

Sweetspot

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



4286904151



4292673487



4294429271



4285169762



4278190080



4286611584

Same Dimension

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



4286904151



4285595448



4283955066



4285692526



4281645568



4279253760

Inverse Universe

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



4291450871



4291246335



4294399956



4286017146



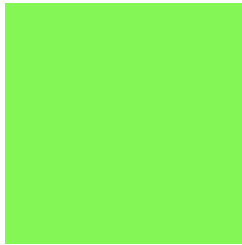
4286972090



4280942651

Previews

White Background



This preview shows how the Android color 4286904151 looks on a white background.

Color Contrast Check

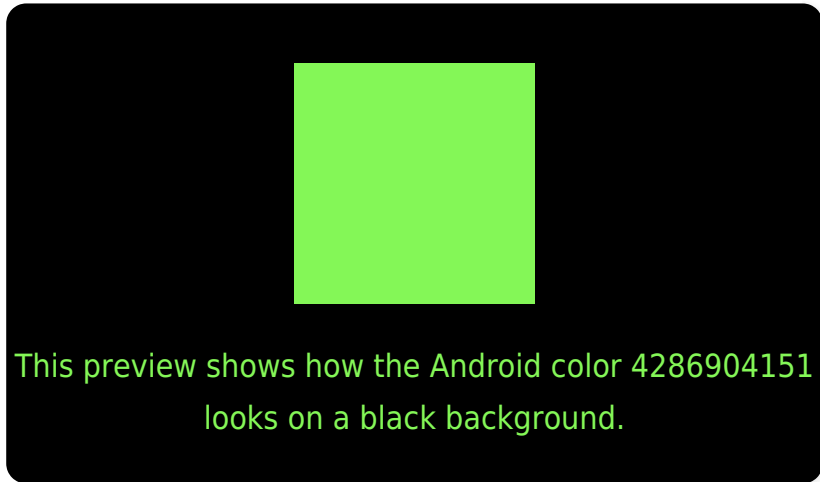
Large Text (above 18pt) WCAG AA × Fail

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 4286904151 Background



This preview shows how black text looks on a background with the Android color 4286904151.

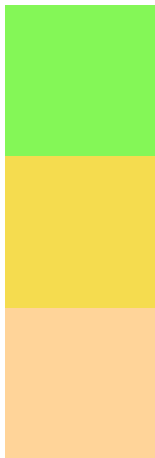


This preview shows how white text looks on a background with the Android color 4286904151.

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
4286904151

Protanopia
4294302799

Deuteranopia
4294956185

Trichromacy



Original Color

4286904151



Protanomaly

4291618386



Deuteranomaly

4292010369



Tritanomaly

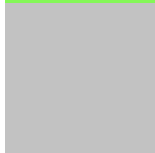
4288081343

Monochromacy



Original Color

4286904151



Achromatopsia

4290953922



Achromatomaly

4289451419

CSS Examples

Text

The CSS property to change the color of the text to Android 4286904151 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(132, 247, 87)` looks like.

```
.text, #text, p{  
    color:rgb(132, 247, 87)  
}
```

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(132, 247, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 247, 87) }
```

Border

The CSS property to change the border of an element to Android 4286904151 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(132, 247, 87) }
```

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

```
.border{ border-color:rgb(132, 247, 87) }
```

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

Here you see how a box with a 4 pixel rgb(132, 247, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 247, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 247, 87);  
box-shadow:4px 4px 4px 4px rgb(132, 247,  
87) }
```

Background

The CSS property to change the background color of an element to Android 4286904151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 247, 87) }
```

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

```
.background{ background-color: rgb(132,  
247, 87) }
```

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