

Converting Colors

Android(4288675704)

Have a look what the booklet for
Android(4288675704) contains.

Android(4288675704)	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(4288675704)

Conversions

Conversions Part 1

Format	Color
Hex	9FFF78
RGB	159, 255, 120
RGB Percent	62%, 100%, 47%
CMY	0.3765, 0.0000, 0.5294
CMYK	0.38, 0.00, 0.53, 0.00
HSL	103°, 100%, 74%
HSV	103°, 53%, 100%
XYZ	53.4482, 80.2470, 30.4415
YIQ	210.9060, -13.8810, -62.3370

Conversions

Conversions Part 2

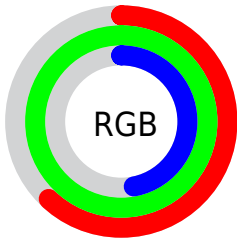
Format	Color
RYB	120, 255, 216
Decimal	10485624
CIELab	91.80, -51.94, 55.08
CIELCh	92, 75.702, 133.318
Yxy	80.2470, 0.3256, 0.4889
Android (android.graphics.Color)	4288675704 (0xFF9FFF78)
YUV	210.9060, -44.8167, -45.5216
Hunter-Lab	89.5807, -50.2643, 42.5584

Details

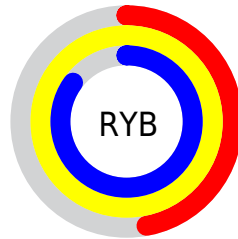
The Android color **4288675704** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **4292376831**, and the grayscale version is **4292072403**.

A 20% lighter version of the original color is **4292542383**, and **4284859970** is the 20% darker color. If you saturate the color by 10%, you get **4287496031**, and if you desaturate by 10%, it is **4289855378**.

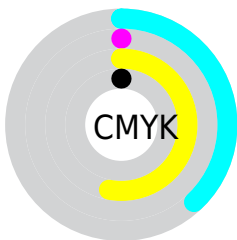
Distribution



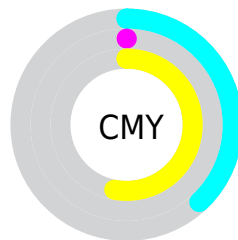
- Red (62%)
- Green (100%)
- Blue (47%)



- Red (47%)
- Yellow (100%)
- Blue (85%)



- Cyan (38%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288675704 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 4288675704 by changing the saturation by 10% instead.

 4288675704

 4288675704

4294967295

 4286767709

 4292542383

 4284859970

 4294442955

 4282886694

 4294967272

 4280717056

 4278219776

 4278213376

 4278206976

 4278201600

 4278193152

■ 4288675704

■ 4288675704

■ 4287496031

■ 4289855378

■ 4286316357

■ 4291035051

■ 4285136684

■ 4292214724

■ 4283891474

■ 4293459934

■ 4283105024

■ 4294639608

4294967295

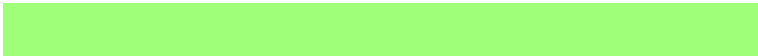
Harmonies

Analogous

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



4293979727



4288675704



4278255547

Triad

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



4288675704



4278254591



4294944458

Complementary

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



4288675704



4292376831

Split Complementary

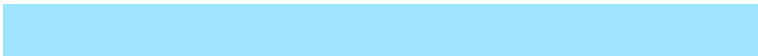
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294946047



4288675704



4288603391

Square

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



4288675704



4278255615



4294952959



4294949255

Rectangle

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



4288675704



4278255598



4294952959



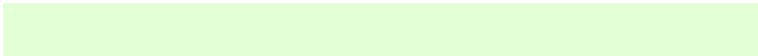
4294944226

Sweetspot

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



4288675704



4293066710



4294956920



4285431911



4278190080



4286611584

Same Dimension

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



4288675704



4287364956



4286119827



4285956211



4281843456



4279386112

Inverse Universe

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



4292376831



4291845375



4294932708



4286346112



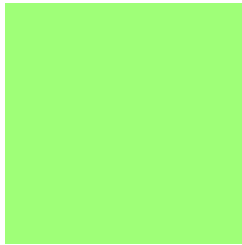
4287103167



4281139264

Previews

White Background



This preview shows how the Android color 4288675704 looks on a white background.

Color Contrast Check

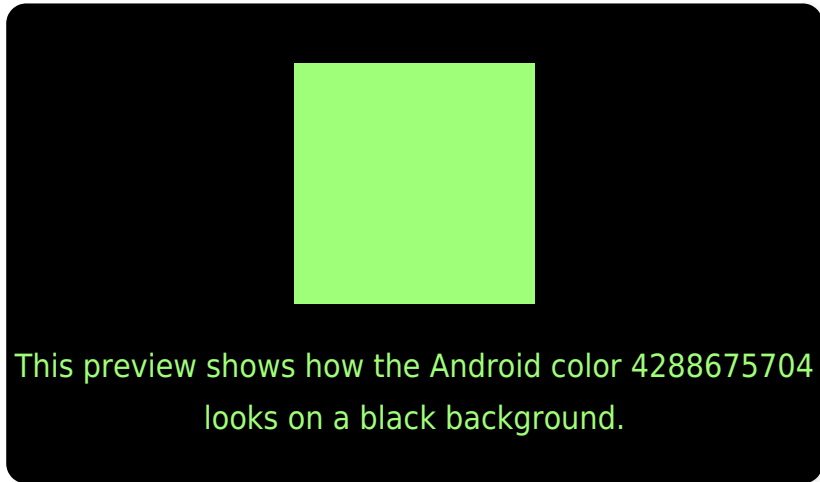
Large Text (above 18pt) WCAG AA × Fail

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 4288675704 Background



This preview shows how black text looks on a background with the Android color 4288675704.

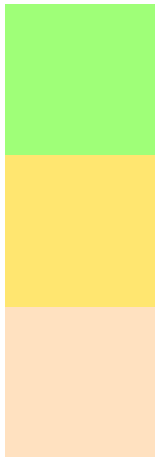


This preview shows how white text looks on a background with the Android color 4288675704.

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
4288675704

Protanopia
4294960752

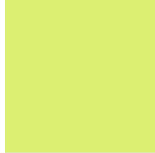
Deuteranopia
4294959552

Trichromacy



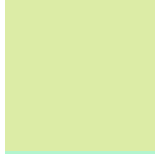
Original Color

4288675704



Protanomaly

4292669299



Deuteranomaly

4292668582



Tritanomaly

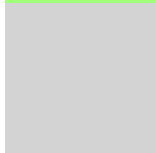
4289983950

Monochromacy



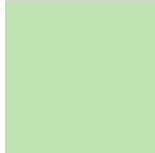
Original Color

4288675704



Achromatopsia

4292072403



Achromatomaly

4290831282

CSS Examples

Text

The CSS property to change the color of the text to Android 4288675704 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(159, 255, 120)` looks like.

```
.text, #text, p{  
    color:rgb(159, 255, 120)  
}
```

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(159, 255, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 255, 120) }
```

Border

The CSS property to change the border of an element to Android 4288675704 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(159, 255, 120) }
```

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

```
.border{ border-color:rgb(159, 255, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 255, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 255, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 255, 120);  
box-shadow:4px 4px 4px 4px rgb(159, 255,  
120) }
```

Background

The CSS property to change the background color of an element to Android 4288675704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 255, 120) }
```

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

```
.background{ background-color: rgb(159,  
255, 120) }
```

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