

Converting Colors

Android(4283236235)

Have a look what the booklet for
Android(4283236235) contains.

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Color

Android(4283236235)

Conversions

Conversions Part 1

Format	Color
Hex	4CFF8B
RGB	76, 255, 139
RGB Percent	30%, 100%, 55%
CMY	0.7020, 0.0000, 0.4549
CMYK	0.70, 0.00, 0.45, 0.00
HSL	141°, 100%, 65%
HSV	141°, 70%, 100%
XYZ	43.4007, 74.9206, 36.5998
YIQ	188.2550, -69.4480, -74.0240

Conversions

Conversions Part 2

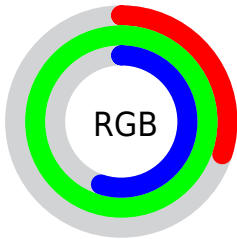
Format	Color
RYB	76, 208, 255
Decimal	5046155
CIELab	89.36, -69.09, 42.59
CIELCh	89, 81.165, 148.352
Yxy	74.9206, 0.2801, 0.4836
Android (android.graphics.Color)	4283236235 (0xFF4CFF8B)
YUV	188.2550, -24.2827, -98.4476
Hunter-Lab	86.5567, -61.9719, 35.5194

Details

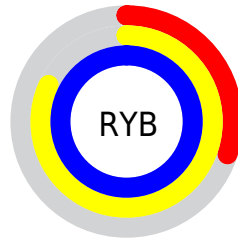
The Android color `4283236235` is a light color, and the websafe version is hex `33FF99`. The color can be described as light washed spring green. A complement of this color would be `4294921408`, and the grayscale version is `4290624957`.

A 20% lighter version of the original color is `4287758274`, and `4278240599` is the 20% darker color. If you saturate the color by 10%, you get `4281597818`, and if you desaturate by 10%, it is `4284940188`.

Distribution



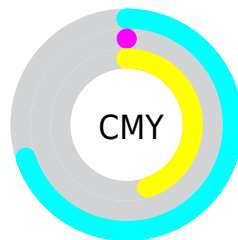
- Red (30%)
- Green (100%)
- Blue (55%)



- Red (30%)
- Yellow (82%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283236235 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 4283236235 by changing the saturation by 10% instead.



4283236235



4283236235

4294967295



4279755377



4287758274



4278240599



4289855454



4278233405



4291887099



4278226211



4293984255



4278219268



4278212608



4278206208



4278199808



4278190080

■ 4283236235

■ 4283236235

■ 4281597818

■ 4284940188

■ 4279893866

■ 4286578604

■ 4278255450

■ 4288282557

■ 4289920973

■ 4291624926

■ 4293263342

4294967295

Harmonies

Analogous

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



4290835019



4283236235



4278255578

Triad

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



4283236235



4278250495



4294942876

Complementary

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



4283236235



4294921408

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.



4294940648



4283236235



4292464383

Square

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



4283236235



4278255103



4294946047



4294950235

Rectangle

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



4283236235



4278255615



4294946047



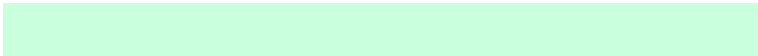
4294941364

Sweetspot

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



4283236235



4291428316



4290838348



4284514411



4278190080



4286611584

Same Dimension

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



4283236235



4280942452



4283236324



4285759607



4278239043



4278206486

Inverse Universe

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



4294921408



4294912436



4294921319



4286608251



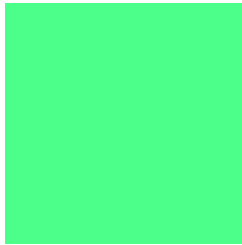
4290707580



4282384425

Previews

White Background



This preview shows how the Android color 4283236235 looks on a white background.

Color Contrast Check

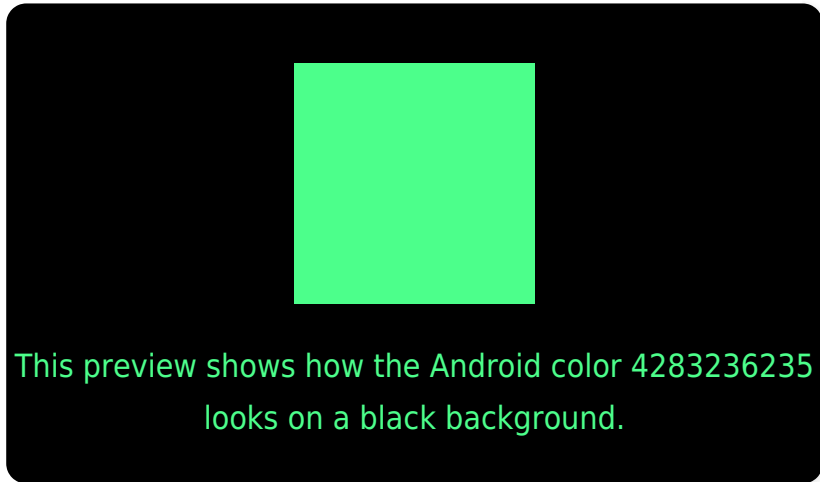
Large Text (above 18pt) WCAG AA × Fail

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 4283236235 Background



This preview shows how black text looks on a background with the Android color 4283236235.

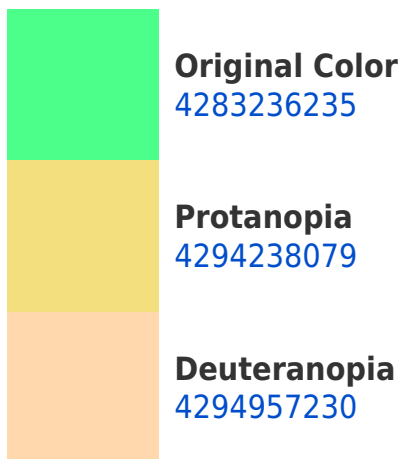


This preview shows how white text looks on a background with the Android color 4283236235.

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

4283236235



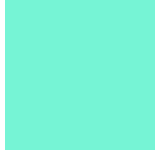
Protanomaly

4290243459



Deuteranomaly

4290700961



Tritanomaly

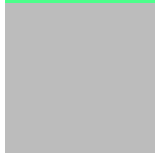
4285986005

Monochromacy



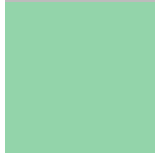
Original Color

4283236235



Achromatopsia

4290559164



Achromatomaly

4287878314

CSS Examples

Text

The CSS property to change the color of the text to Android 4283236235 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(76, 255, 139)` looks like.

```
.text, #text, p{  
    color:rgb(76, 255, 139)  
}
```

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(76, 255, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 255, 139) }
```

Border

The CSS property to change the border of an element to Android 4283236235 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(76, 255, 139) }
```

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

```
.border{ border-color:rgb(76, 255, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 255, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 255, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 255, 139);  
box-shadow:4px 4px 4px 4px rgb(76, 255,  
139) }
```

Background

The CSS property to change the background color of an element to Android 4283236235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 255, 139) }
```

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

```
.background{ background-color: rgb(76, 255,  
139) }
```

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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