

Converting Colors

Android(4283103044)

Have a look what the booklet for
Android(4283103044) contains.

Android(4283103044)	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(4283103044)

Conversions

Conversions Part 1

Format	Color
Hex	4AF744
RGB	74, 247, 68
RGB Percent	29%, 97%, 27%
CMY	0.7098, 0.0314, 0.7333
CMYK	0.70, 0.00, 0.72, 0.03
HSL	118°, 92%, 62%
HSV	118°, 72%, 97%
XYZ	37.1282, 68.3947, 16.7135
YIQ	174.8670, -45.6490, -92.3450

Conversions

Conversions Part 2

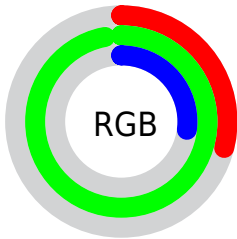
Format	Color
RYB	68, 247, 241
Decimal	4912964
CIELab	86.20, -75.03, 69.13
CIELCh	86, 102.019, 137.344
Yxy	68.3947, 0.3037, 0.5595
Android (android.graphics.Color)	4283103044 (0xFF4AF744)
YUV	174.8670, -52.6854, -88.4604
Hunter-Lab	82.7011, -64.5904, 45.9086

Details

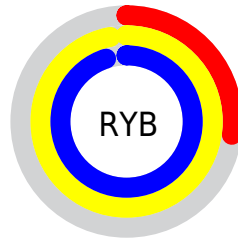
The Android color `4283103044` is a dark color, and the websafe version is hex `66FF33`. The color can be described as dark washed green. A complement of this color would be `4294001911`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4287758206`, and `4278238464` is the 20% darker color. If you saturate the color by 10%, you get `4281530155`, and if you desaturate by 10%, it is `4284675933`.

Distribution



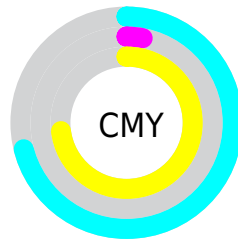
- Red (29%)
- Green (97%)
- Blue (27%)



- Red (27%)
- Yellow (97%)
- Blue (95%)



- Cyan (70%)
- Magenta (0%)
- Yellow (72%)
- Black (3%)



- Cyan (71%)
- Magenta (3%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283103044 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 4283103044 by changing the saturation by 10% instead.

 4283103044

 4283103044

4294967295

 4279163426

 4287758206

 4278238464

 4289855387

 4278231296

 4291887031

 4278224384

 4293984212

 4278217472

 4294967282

 4278210816


 4278204416

 4278197760

 4278190080

 4283103044

 4283103044

 4281530155

 4284675933

 4279957267

 4286248821

 4278777600

 4287821710

 4289329063

 4290901951

 4292474840

 4294047729

 4294965247

Harmonies

Analogous

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



4291748864



4283103044



4278255530

Triad

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



4283103044



4278251519



4294929828

Complementary

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



4283103044



4294001911

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.



4294930943



4283103044



4284928255

Square

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



4283103044



4278255359



4294943231



4294940744

Rectangle

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



4283103044



4278255598



4294943231



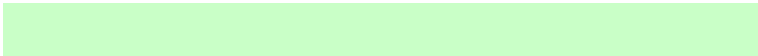
4294928324

Sweetspot

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



4283103044



4291428295



4294438468



4284448862



4278190080



4286611584

Same Dimension

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



4283103044



4280942369



4282709909



4285495918



4278630912



4278336256

Inverse Universe

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



4294001911



4294451711



4294395046



4286213754



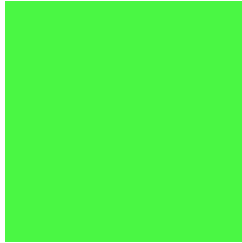
4289986746



4281925691

Previews

White Background



This preview shows how the Android color 4283103044 looks on a white background.

Color Contrast Check

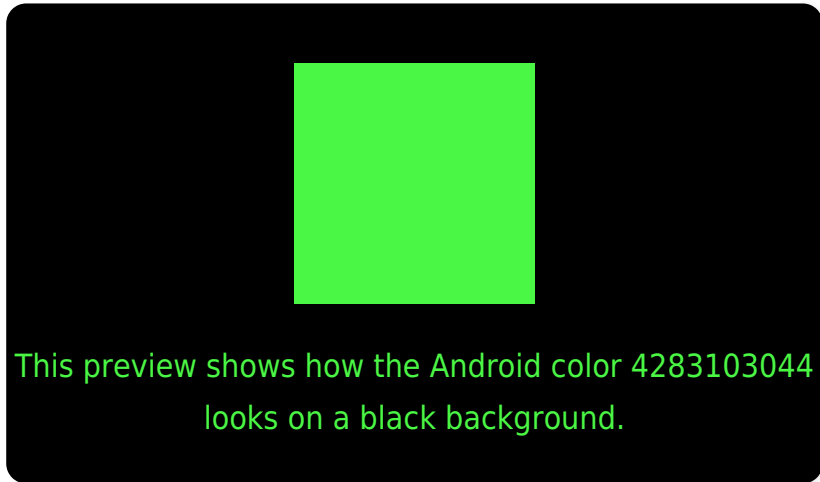
Large Text (above 18pt) WCAG AA × Fail

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 4283103044 Background



This preview shows how black text looks on a background with the Android color 4283103044.

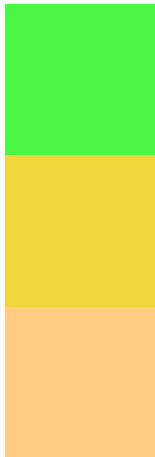


This preview shows how white text looks on a background with the Android color 4283103044.

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
4283103044

Protanopia
4293973563

Deuteranopia
4294954369



Tritanopia
4286244601

Trichromacy



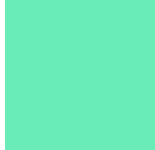
Original Color
4283103044



Protanomaly
4290044478



Deuteranomaly
4290632811

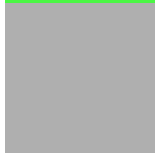


Tritanomaly
4285131959

Monochromacy



Original Color
4283103044



Achromatopsia
4289703855



Achromatomaly
4287285640

CSS Examples

Text

The CSS property to change the color of the text to Android 4283103044 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(74, 247, 68)` looks like.

```
.text, #text, p{  
    color:rgb(74, 247, 68)  
}
```

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(74, 247, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 247, 68) }
```

Border

The CSS property to change the border of an element to Android 4283103044 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(74, 247, 68) }
```

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

```
.border{ border-color:rgb(74, 247, 68) }
```

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

Here you see how a box with a 4 pixel rgb(74, 247, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 247, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 247, 68);  
box-shadow:4px 4px 4px 4px rgb(74, 247,  
68) }
```

Background

The CSS property to change the background color of an element to Android 4283103044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 247, 68) }
```

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

```
.background{ background-color: rgb(74, 247,  
68) }
```

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