

Converting Colors

Android(4287016083)

Have a look what the booklet for
Android(4287016083) contains.

Android(4287016083)	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(4287016083)

Conversions

Conversions Part 1

Format	Color
Hex	86AC93
RGB	134, 172, 147
RGB Percent	53%, 67%, 58%
CMY	0.4745, 0.3255, 0.4235
CMYK	0.22, 0.00, 0.15, 0.33
HSL	141°, 19%, 60%
HSV	141°, 22%, 67%
XYZ	29.8505, 36.6800, 33.1104
YIQ	157.7880, -14.6230, -15.8310

Conversions

Conversions Part 2

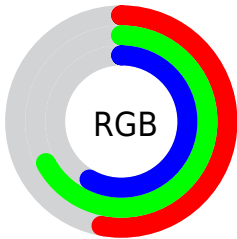
Format	Color
RYB	134, 162, 172
Decimal	8826003
CIELab	67.04, -18.05, 8.67
CIELCh	67, 20.025, 154.333
Yxy	36.6800, 0.2996, 0.3681
Android (android.graphics.Color)	4287016083 (0xFF86AC93)
YUV	157.7880, -5.3185, -20.8621
Hunter-Lab	60.5640, -18.0087, 9.9809

Details

The Android color `4287016083` is a light color, and the websafe version is hex `669999`. A complement of this color would be `4289496735`, and the grayscale version is `4288585374`.

A 20% lighter version of the original color is `4290569161`, and `4283725920` is the 20% darker color. If you saturate the color by 10%, you get `4285901960`, and if you desaturate by 10%, it is `4288130206`.

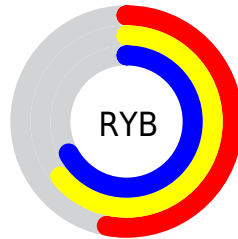
Distribution



Red (53%)

Green (67%)

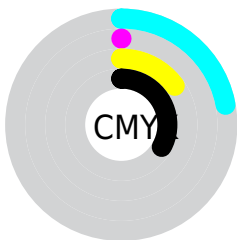
Blue (58%)



Red (53%)

Yellow (64%)

Blue (67%)

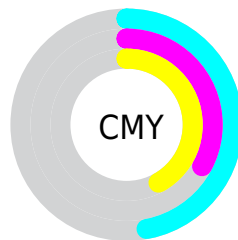


Cyan (22%)

Magenta (0%)

Yellow (15%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287016083 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 4287016083 by changing the saturation by 10% instead.



4287016083



4287016083

4294967295



4285305209



4290569161



4283725920



4292411365



4282146633



4294246399



4280633138



4279119901



4278197252



4278190080



4287016083



4287016083



4285901960



4288130206


 4284787836

 4289244330

 4283608177

 4290423989

 4282494054

 4291538112

 4281379930

 4292652236

 4280265807

 4293766359

 4279151684

 4294880482

 4278234171

 4294946030

 4294946041

Harmonies

Analogous

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



4288325765



4287016083



4285968037

Triad

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



4287016083



4287800519



4291270800

Complementary

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



4287016083



4289496735

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.



4291270305



4287016083



4289371841

Square

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



4287016083



4286360003



4290615731



4290682243

Rectangle

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



4287016083



4285640113



4290615731



4291401621

Sweetspot

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



4287016083



4291944662



4288654470



4284969066



4293980400



4285558896

Same Dimension

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



4287016083



4288995513



4287016102



4283324241



4278228531



4278195976

Inverse Universe

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



4289496735



4292912332



4289496716



4283911764



4288020579



4279697423

Previews

White Background



This preview shows how the Android color 4287016083 looks on a white background.

Color Contrast Check

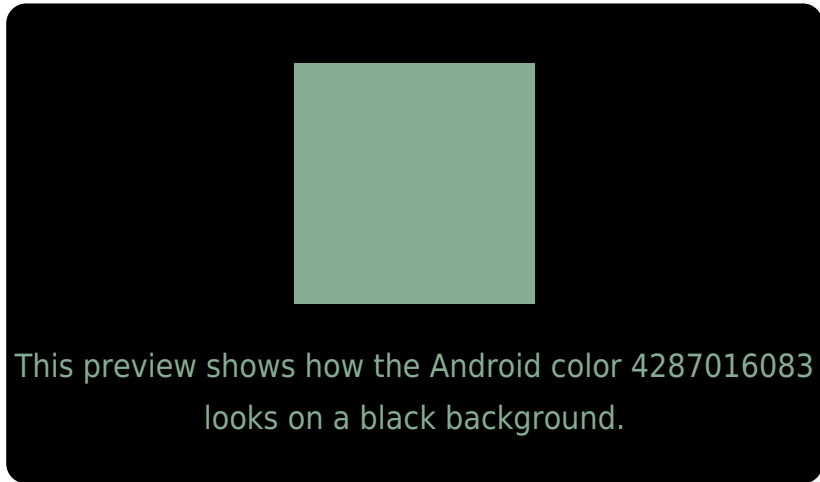
Large Text (above 18pt) WCAG AA × Fail

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 4287016083 Background



This preview shows how black text looks on a background with the Android color 4287016083.



This preview shows how white text looks on a background with the Android color 4287016083.

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
4287016083

Protanopia
4289372814

Deuteranopia
4290223510

Trichromacy



Original Color
4287016083

Protanomaly
4288521872

Deuteranomaly
4289045141

Tritanomaly
4287277481

Monochromacy



Original Color
4287016083

Achromatopsia
4288585374

Achromatomaly
4287996826

CSS Examples

Text

The CSS property to change the color of the text to Android 4287016083 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(134, 172, 147)` looks like.

```
.text, #text, p{  
    color:rgb(134, 172, 147)  
}
```

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(134, 172, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 172, 147) }
```

Border

The CSS property to change the border of an element to Android 4287016083 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(134, 172, 147) }
```

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

```
.border{ border-color:rgb(134, 172, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 172, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 172, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 172, 147);  
box-shadow:4px 4px 4px 4px rgb(134, 172,  
147) }
```

Background

The CSS property to change the background color of an element to Android 4287016083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 172, 147) }
```

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

```
.background{ background-color: rgb(134,  
172, 147) }
```

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