

Converting Colors

Android(4287867015)

Have a look what the booklet for
Android(4287867015) contains.

Android(4287867015)	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(4287867015)

Conversions

Conversions Part 1	
Format	Color
Hex	93A887
RGB	147, 168, 135
RGB Percent	58%, 66%, 53%
CMY	0.4235, 0.3412, 0.4706
CMYK	0.13, 0.00, 0.20, 0.34
HSL	98°, 16%, 59%
HSV	98°, 20%, 66%
XYZ	30.4084, 35.9576, 28.2595
YIQ	157.9590, -1.9230, -14.7150

Conversions

Conversions Part 2

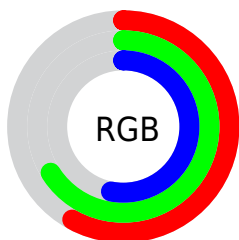
Format	Color
RYB	135, 168, 156
Decimal	9676935
CIELab	66.49, -13.58, 14.65
CIELCh	66, 19.972, 132.837
Yxy	35.9576, 0.3214, 0.3800
Android (android.graphics.Color)	4287867015 (0xFF93A887)
YUV	157.9590, -11.3188, -9.6110
Hunter-Lab	59.9646, -14.4197, 14.0337

Details

The Android color **4287867015** is a light color, and the websafe version is hex **999966**. A complement of this color would be **4288448424**, and the grayscale version is **4288585374**.

A 20% lighter version of the original color is **4291420092**, and **4284511317** is the 20% darker color. If you saturate the color by 10%, you get **4287146102**, and if you desaturate by 10%, it is **4288587928**.

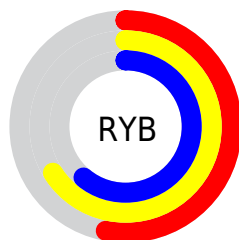
Distribution



Red (58%)

Green (66%)

Blue (53%)



Red (53%)

Yellow (66%)

Blue (61%)

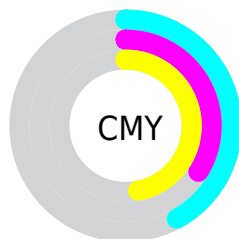


Cyan (13%)

Magenta (0%)

Yellow (20%)

Black (34%)



Cyan (42%)

Magenta (34%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287867015 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 4287867015 by changing the saturation by 10% instead.

 4287867015

 4287867015

4294967295

 4286156398

 4291420092

 4284511317

 4293262552

 4282932030

 4294967285

 4281418792

 4279971091

 4278262272

 4278190080

 4287867015

 4287867015

 4287146102

 4288587928

 4286490725	 4289243305
 4285769813	 4289964217
 4285048900	 4290685130
 4284393523	 4291340507
 4283672610	 4292061420
 4282951697	 4292782333
 4282230785	 4293503231
 4282230784	 4294158591

Harmonies

Analogous

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



4289176447



4287867015



4286557079

Triad

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



4287867015



4286621379



4291270042

Complementary

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



4287867015



4288448424

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.



4290746029



4287867015



4288127428

Square

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



4287867015



4285704889



4289633212



4291074186

Rectangle

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



4287867015



4285901987



4289633212



4291138977

Sweetspot

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



4287867015



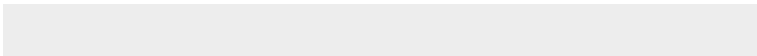
4292074446



4289240199



4285099622



4293783021



4285427310

Same Dimension

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



4287867015



4290436007



4287080587



4283389004



4281766912



4278653952

Inverse Universe

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



4288448424



4291340251



4289234852



4283518036



4284350612



4279042068

Previews

White Background



This preview shows how the Android color 4287867015 looks on a white background.

Color Contrast Check

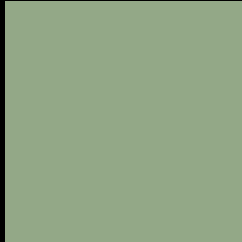
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4287867015 looks on a 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 4287867015 Background



This preview shows how black text looks on a background with the Android color 4287867015.



This preview shows how white text looks on a background with the Android color 4287867015.

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

4287867015

Protanopia

4289438084

Deuteranopia

4290354058

Trichromacy

	Original Color 4287867015
	Protanomaly 4288849029
	Deuteranomaly 4289437833
	Tritanomaly 4288128160

Monochromacy

	Original Color 4287867015
	Achromatopsia 4288585374
	Achromatomaly 4288324246

CSS Examples

Text

The CSS property to change the color of the text to Android 4287867015 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(147, 168, 135)` looks like.

```
.text, #text, p{  
    color:rgb(147, 168, 135)  
}
```

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(147, 168, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 168, 135) }
```

Border

The CSS property to change the border of an element to Android 4287867015 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(147, 168, 135) }
```

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

```
.border{ border-color:rgb(147, 168, 135) }
```

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

Here you see how a box with a 4 pixel rgb(147, 168, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 168, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 168, 135);  
box-shadow:4px 4px 4px 4px rgb(147, 168,  
135) }
```

Background

The CSS property to change the background color of an element to Android 4287867015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 168, 135) }
```

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

```
.background{ background-color: rgb(147,  
168, 135) }
```

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