

Converting Colors

Android(4287015812)

Have a look what the booklet for
Android(4287015812) contains.

Android(4287015812)	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(4287015812)

Conversions

Conversions Part 1

Format	Color
Hex	86AB84
RGB	134, 171, 132
RGB Percent	53%, 67%, 52%
CMY	0.4745, 0.3294, 0.4824
CMYK	0.22, 0.00, 0.23, 0.33
HSL	117°, 19%, 59%
HSV	117°, 23%, 67%
XYZ	28.5593, 35.8601, 27.2463
YIQ	155.4910, -9.5330, -19.9730

Conversions

Conversions Part 2

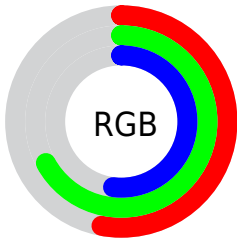
Format	Color
RYB	132, 171, 169
Decimal	8825732
CIELab	66.41, -20.33, 16.06
CIELCh	66, 25.912, 141.699
Yxy	35.8601, 0.3116, 0.3912
Android (android.graphics.Color)	4287015812 (0xFF86AB84)
YUV	155.4910, -11.5811, -18.8476
Hunter-Lab	59.8833, -19.6663, 14.9420

Details

The Android color `4287015812` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4289299627`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4290568889`, and `4283660114` is the 20% darker color. If you saturate the color by 10%, you get `4285967219`, and if you desaturate by 10%, it is `4288064405`.

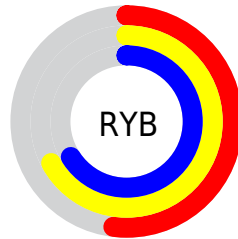
Distribution



Red (53%)

Green (67%)

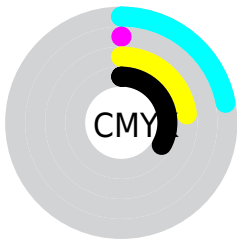
Blue (52%)



Red (52%)

Yellow (67%)

Blue (66%)

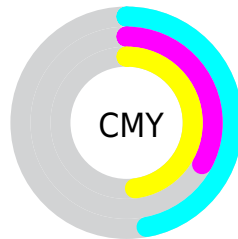


Cyan (22%)

Magenta (0%)

Yellow (23%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287015812 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 4287015812 by changing the saturation by 10% instead.



4287015812



4287015812

4294967295



4285304939



4290568889



4283660114



4292411349



4282146363



4294246385



4280567333



4279054096



4278197248



4278190080



4287015812



4287015812



4285967219



4288064405


 4284918626


 4289112998

 4283804497

 4290227127

 4282755904

 4291275720

 4281707311

 4292324314

 4280658717

 4293372907

 4279544588

 4294487036

 4278823680

 4294945791

Harmonies

Analogous

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



4288783734



4287015812



4285312666

Triad

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



4287015812



4286293711



4291924369

Complementary

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



4287015812



4289299627

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.



4291531177



4287015812



4288454349

Square

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



4287015812



4284591045



4290352831



4291466878

Rectangle

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



4287015812



4284526506



4290352831



4291858585

Sweetspot

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



4287015812



4291813070



4289439876



4285034599



4293980400



4285558896

Same Dimension

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



4287015812



4289060514



4286884757



4283324238



4278752768



4278261504

Inverse Universe

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



4289299627



4292584158



4289430682



4283846231



4287561878



4279631895

Previews

White Background



This preview shows how the Android color 4287015812 looks on a white background.

Color Contrast Check

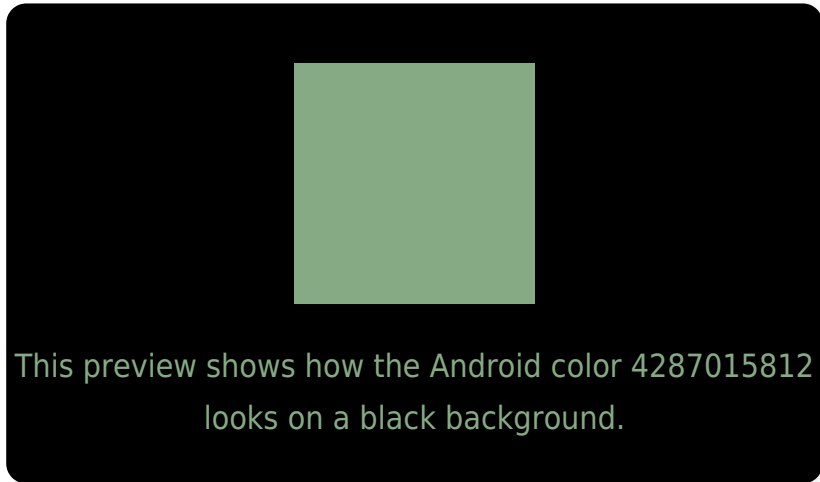
Large Text (above 18pt) WCAG AA × Fail

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 4287015812 Background



This preview shows how black text looks on a background with the Android color 4287015812.



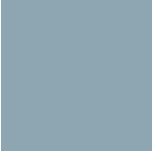
This preview shows how white text looks on a background with the Android color 4287015812.

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





Tritanopia
4287538610

Trichromacy



Original Color
4287015812

Protanomaly
4288587137

Deuteranomaly
4289175942

Tritanomaly
4287342497

Monochromacy



Original Color
4287015812

Achromatopsia
4288387995

Achromatomaly
4287865235

CSS Examples

Text

The CSS property to change the color of the text to Android 4287015812 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, 171, 132)` looks like.

```
.text, #text, p{  
    color:rgb(134, 171, 132)  
}
```

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, 171, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 171, 132) }
```

Border

The CSS property to change the border of an element to Android 4287015812 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, 171, 132) }
```

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

```
.border{ border-color:rgb(134, 171, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 171, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 171, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 171, 132);  
box-shadow:4px 4px 4px 4px rgb(134, 171,  
132) }
```

Background

The CSS property to change the background color of an element to Android 4287015812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 171, 132) }
```

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

```
.background{ background-color: rgb(134,  
171, 132) }
```

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