

Converting Colors

Android(4287944306)

Have a look what the booklet for
Android(4287944306) contains.

Android(4287944306)	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(4287944306)

Conversions

Conversions Part 1

Format	Color
Hex	94D672
RGB	148, 214, 114
RGB Percent	58%, 84%, 45%
CMY	0.4196, 0.1608, 0.5529
CMYK	0.31, 0.00, 0.47, 0.16
HSL	100°, 55%, 64%
HSV	100°, 47%, 84%
XYZ	39.2966, 55.6039, 24.5811
YIQ	182.8660, -7.2360, -45.0920

Conversions

Conversions Part 2

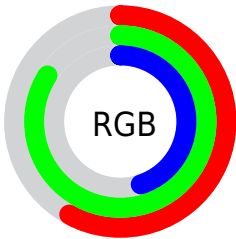
Format	Color
RYB	114, 214, 180
Decimal	9754226
CIELab	79.39, -38.67, 42.68
CIELCh	79, 57.594, 132.177
Yxy	55.6039, 0.3289, 0.4654
Android (android.graphics.Color)	4287944306 (0xFF94D672)
YUV	182.8660, -33.9509, -30.5775
Hunter-Lab	74.5680, -36.4265, 32.6529

Details

The Android color `4287944306` is a light color, and the websafe version is hex `99CC66`. A complement of this color would be `4290015958`, and the grayscale version is `4290230199`.

A 20% lighter version of the original color is `4291624872`, and `4284391231` is the 20% darker color. If you saturate the color by 10%, you get `4287026781`, and if you desaturate by 10%, it is `4288861831`.

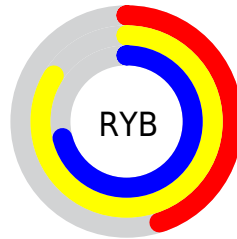
Distribution



Red (58%)

Green (84%)

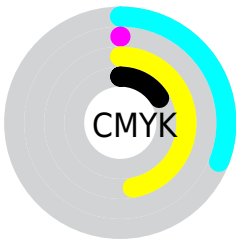
Blue (45%)



Red (45%)

Yellow (84%)

Blue (71%)

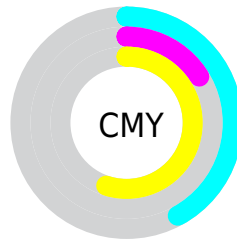


Cyan (31%)

Magenta (0%)

Yellow (47%)

Black (16%)



Cyan (42%)

Magenta (16%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287944306 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 4287944306 by changing the saturation by 10% instead.

 4287944306

 4287944306

4294967295

 4286167640

 4291624872

 4284391231

 4293525443

 4282614822

 4294967264

 4280773384

4294967293

 4278276608

 4278204928

 4278199808

 4278190080

 4287944306

 4287944306

 4287026781

 4288861831


 4286109255

 4289779357

 4285191730

 4290696882

 4284274204

 4291614408

 4283291143

 4292597469

 4283028992

 4293514994

 4294432511

 4294956799

Harmonies

Analogous

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



4291807575



4287944306



4282179234

Triad

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



4287944306



4278244351



4294940593

Complementary

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



4287944306



4290015958

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.



4294941927



4287944306



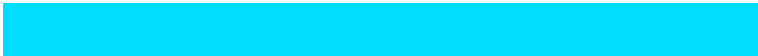
4287742975

Square

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



4287944306



4278246911



4293242623



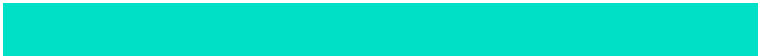
4294943615

Rectangle

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



4287944306



4278247623



4293242623



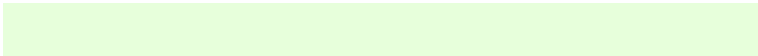
4294940611

Sweetspot

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



4287944306



4293394395



4292260722



4285628522



4278190080



4286611584

Same Dimension

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



4287944306



4288806768



4285716097



4284771168



4282034944



4279184128

Inverse Universe

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



4290015958



4291719423



4292244167



4284964971



4285595819



4280090667

Previews

White Background



This preview shows how the Android color 4287944306 looks on a white background.

Color Contrast Check

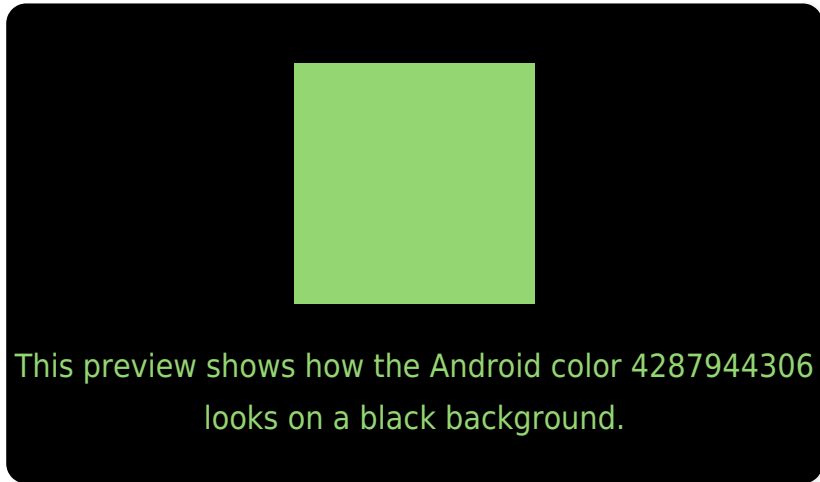
Large Text (above 18pt) WCAG AA × Fail

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 4287944306 Background



This preview shows how black text looks on a background with the Android color 4287944306.

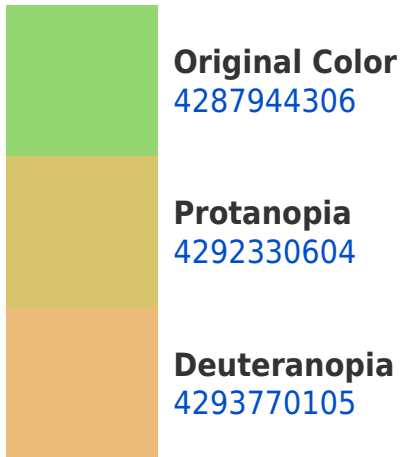


This preview shows how white text looks on a background with the Android color 4287944306.

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
4287944306



Protanomaly
4290759534



Deuteranomaly
4291675510

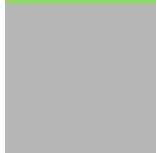


Tritanomaly
4288663220

Monochromacy



Original Color
4287944306



Achromatopsia
4290230199



Achromatomaly
4289381022

CSS Examples

Text

The CSS property to change the color of the text to Android 4287944306 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(148, 214, 114)` looks like.

```
.text, #text, p{  
    color:rgb(148, 214, 114)  
}
```

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(148, 214, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 214, 114) }
```

Border

The CSS property to change the border of an element to Android 4287944306 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(148, 214, 114) }
```

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

```
.border{ border-color:rgb(148, 214, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 214, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 214, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 214, 114);  
box-shadow:4px 4px 4px 4px rgb(148, 214,  
114) }
```

Background

The CSS property to change the background color of an element to Android 4287944306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 214, 114) }
```

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

```
.background{ background-color: rgb(148,  
214, 114) }
```

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