

# Converting Colors

Android(4286706299)

Have a look what the booklet for  
Android(4286706299) contains.

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# Color

**Android(4286706299)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81F27B
RGB	129, 242, 123
RGB Percent	51%, 95%, 48%
CMY	0.4941, 0.0510, 0.5176
CMYK	0.47, 0.00, 0.49, 0.05
HSL	117°, 82%, 72%
HSV	117°, 49%, 95%
XYZ	44.3805, 69.6014, 29.8342
YIQ	194.6470, -29.1490, -60.9650

# Conversions

## Conversions Part 2

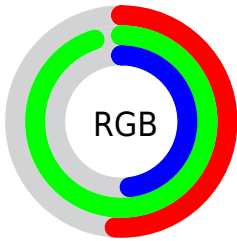
Format	Color
<a href="#">RYB</a>	<a href="#">123, 242, 236</a>
Decimal	<a href="#">8516219</a>
CIELab	<a href="#">86.80, -55.21, 47.34</a>
CIElCh	<a href="#">87, 72.725, 139.386</a>
Yxy	<a href="#">69.6014, 0.3086, 0.4840</a>
Android (android.graphics.Color)	<a href="#">4286706299 (0xFF81F27B)</a>
YUV	<a href="#">194.6470, -35.3220, -57.5724</a>
Hunter-Lab	<a href="#">83.4275, -51.0423, 37.1967</a>

# Details

The Android color `4286706299` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4293688306`, and the grayscale version is `4291019715`.

A 20% lighter version of the original color is `4290576305`, and `4282693959` is the 20% darker color. If you saturate the color by 10%, you get `4285198947`, and if you desaturate by 10%, it is `4288213651`.

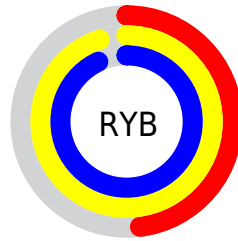
# Distribution



Red (51%)

Green (95%)

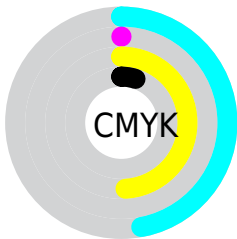
Blue (48%)



Red (48%)

Yellow (95%)

Blue (93%)

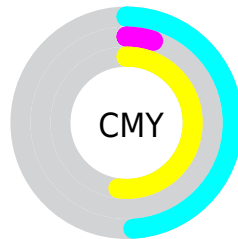


Cyan (47%)

Magenta (0%)

Yellow (49%)

Black (5%)



Cyan (49%)

Magenta (5%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286706299 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 4286706299 by changing the saturation by 10% instead.





4286706299



4286706299

4294967295



4284732769



4290576305



4282693959



4292476878



4280261932



4294442986



4278223630



4278216704



4278210304



4278204160



4278198272



4278190080

 4286706299

 4286706299

 4285198947

 4288213651

 4283691595

 4289721003

 4282184242

 4291228356

 4280676890

 4292735708

 4279169538

 4294243060

 4279038464

 4294963967

# Harmonies

## Analogous

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



4292141901



4286706299



4278254270

# Triad

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



4286706299



4278249727



4294942127

# Complementary

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



4286706299



4293688306

# 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.



4294942453



4286706299



4289778175

# Square

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



4286706299



4278253311



4294948095



4294947442

# Rectangle

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



4286706299



4278254574



4294948095



4294941638

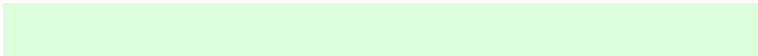


# Sweetspot

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



4286706299



4292607961



4294109819



4285169769



4278190080



4286611584



# Same Dimension

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



4286706299



4285595497



4286313135



4285298796



4278827008



4278401024



# Inverse Universe

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



4293688306



4294404607



4294081470



4286016632



4289593528

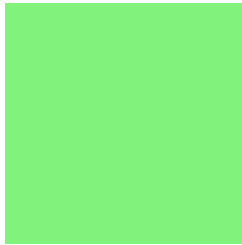


4281663544



# Previews

## White Background



This preview shows how the Android color 4286706299 looks on a white background.

## Color Contrast Check

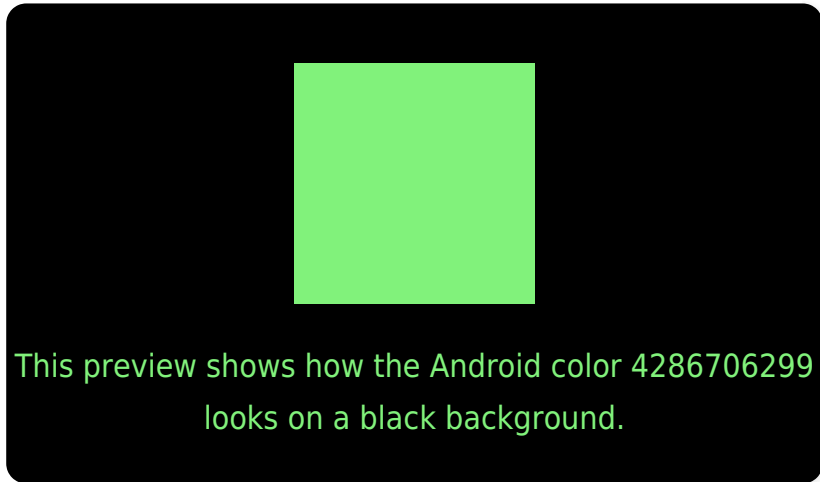
Large Text (above 18pt) WCAG AA × Fail

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

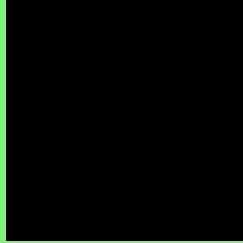
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286706299 Background



This preview shows how black text looks on a background with the Android color 4286706299.

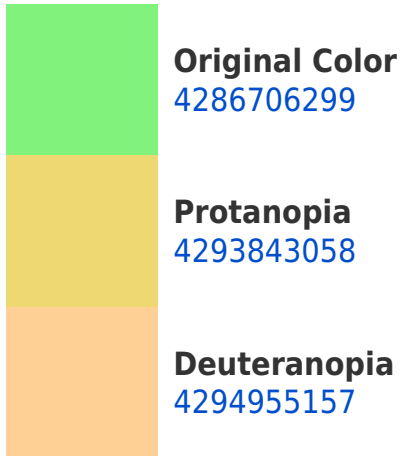



This preview shows how white text looks on a background with the Android color 4286706299.

# 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**  
4288341239

# Trichromacy



**Original Color**

4286706299



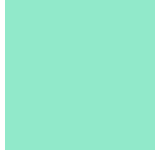
**Protanomaly**

4291223925



**Deuteranomaly**

4291943564



**Tritanomaly**

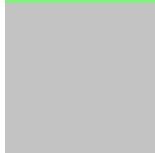
4287752650

# Monochromacy



**Original Color**

4286706299



**Achromatopsia**

4291019715



**Achromatomaly**

4289451177

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286706299 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(129, 242, 123)` looks like.

```
.text, #text, p{  
    color:rgb(129, 242, 123)  
}
```

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(129, 242, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 242, 123) }
```

## Border

The CSS property to change the border of an element to Android 4286706299 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(129, 242, 123) }
```

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

```
.border{ border-color:rgb(129, 242, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 242, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 242, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 242, 123);  
box-shadow:4px 4px 4px 4px rgb(129, 242,  
123) }
```

# Background

The CSS property to change the background color of an element to Android 4286706299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 242, 123) }
```

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

```
.background{ background-color: rgb(129,  
242, 123) }
```

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](#).



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