

# Converting Colors

Android(4289851295)

Have a look what the booklet for  
Android(4289851295) contains.

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# **Color**

**Android(4289851295)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1EF9F
RGB	177, 239, 159
RGB Percent	69%, 94%, 62%
CMY	0.3059, 0.0627, 0.3765
CMYK	0.26, 0.00, 0.33, 0.06
HSL	107°, 71%, 78%
HSV	107°, 33%, 94%
XYZ	55.2560, 73.5833, 44.0916
YIQ	211.3420, -11.2720, -38.0240

# Conversions

## Conversions Part 2

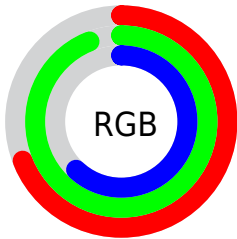
Format	Color
<a href="#">RYB</a>	<a href="#">159, 239, 221</a>
Decimal	<a href="#">11661215</a>
CIELab	<a href="#">88.73, -34.10, 32.59</a>
CIELCh	<a href="#">89, 47.172, 136.293</a>
Yxy	<a href="#">73.5833, 0.3195, 0.4255</a>
Android (android.graphics.Color)	<a href="#">4289851295 (0xFFB1EF9F)</a>
YUV	<a href="#">211.3420, -25.8046, -30.1179</a>
Hunter-Lab	<a href="#">85.7807, -35.1348, 29.5712</a>

# Details

The Android color `4289851295` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4292714479`, and the grayscale version is `4292138196`.

A 20% lighter version of the original color is `4293590998`, and `4286232427` is the 20% darker color. If you saturate the color by 10%, you get `4288606087`, and if you desaturate by 10%, it is `4291096503`.

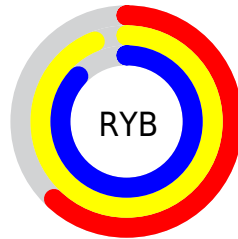
# Distribution



Red (69%)

Green (94%)

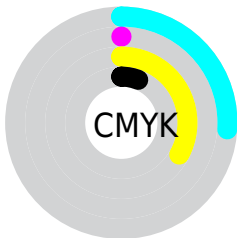
Blue (62%)



Red (62%)

Yellow (94%)

Blue (87%)

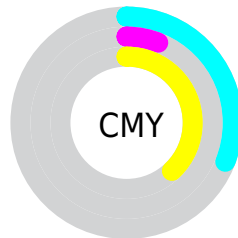


Cyan (26%)

Magenta (0%)

Yellow (33%)

Black (6%)



Cyan (31%)

Magenta (6%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289851295 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 4289851295 by changing the saturation by 10% instead.





4289851295



4289851295

4294967295



4288009092



4293590998



4286232427



4294967283



4284521554



4282810682



4281100322



4279127817



4278204416



4278199296



4278190080

 4289851295

 4289851295

 4288606087

 4291096503

 4287426415

 4292276175

 4286181207

 4293521383


 4285001535

 4294701055

 4283756328

 4294963199

 4282576656

 4281790208

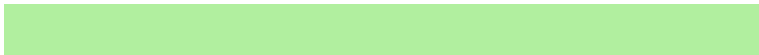
# Harmonies

## Analogous

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



4293190791



4289851295



4286051784

# Triad

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



4289851295



4286048767



4294950088

# Complementary

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



4289851295



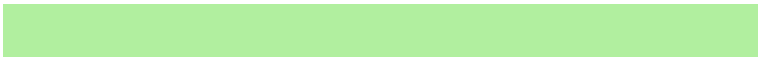
4292714479

# 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.



4294950645



4289851295



4291156991

# Square

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



4289851295



4279628799



4294953727



4294952608

# Rectangle

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



4289851295



4282972135



4294953727



4294949847

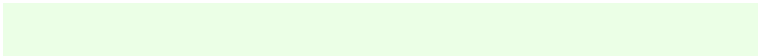


# Sweetspot

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



4289851295



4293656550



4293909663



4285825136



4278190080

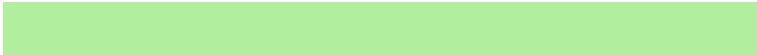


4286611584

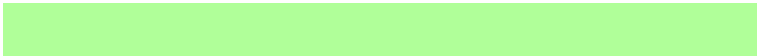


# Same Dimension

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



4289851295



4289789849



4288671668



4285495404



4280924160



4279056384



# Inverse Universe

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



4292714479



4293433855



4293894106



4285885560



4287496376



4281008184



# Previews

## White Background



This preview shows how the Android color 4289851295 looks on a white background.

## Color Contrast Check

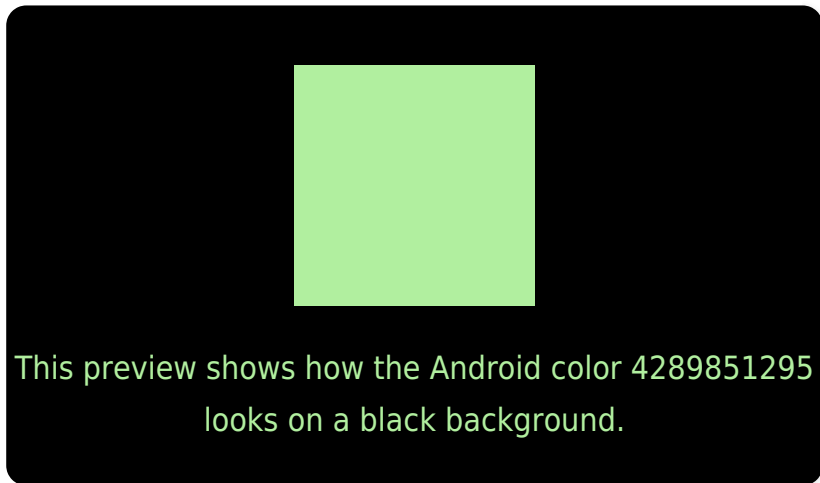
Large Text (above 18pt) WCAG AA × Fail

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

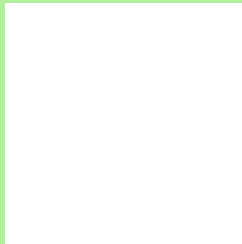
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4289851295 Background



This preview shows how black text looks on a background with the Android color 4289851295.



This preview shows how white text looks on a background with the Android color 4289851295.

# 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





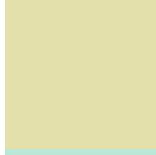
# Trichromacy



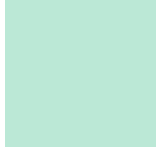
**Original Color**  
4289851295



**Protanomaly**  
4292469915



**Deuteranomaly**  
4293124266

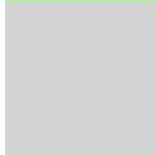


**Tritanomaly**  
4290504918

# Monochromacy



**Original Color**  
4289851295



**Achromatopsia**  
4292072403



**Achromatomaly**  
4291288512

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289851295 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(177, 239, 159)` looks like.

```
.text, #text, p{  
    color:rgb(177, 239, 159)  
}
```

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(177, 239, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 239, 159) }
```

## Border

The CSS property to change the border of an element to Android 4289851295 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(177, 239, 159) }
```

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

```
.border{ border-color:rgb(177, 239, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 239, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 239, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 239, 159);  
box-shadow:4px 4px 4px 4px rgb(177, 239,  
159) }
```

# Background

The CSS property to change the background color of an element to Android 4289851295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 239, 159) }
```

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

```
.background{ background-color: rgb(177,  
239, 159) }
```

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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