

# Converting Colors

Android(4289000147)

Have a look what the booklet for  
Android(4289000147) contains.

<b>Android(4289000147)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4289000147)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4F2D3
RGB	164, 242, 211
RGB Percent	64%, 95%, 83%
CMY	0.3569, 0.0510, 0.1725
CMYK	0.32, 0.00, 0.13, 0.05
HSL	156°, 75%, 80%
HSV	156°, 32%, 95%
XYZ	58.8198, 76.0999, 73.2166
YIQ	215.1440, -36.5370, -26.1770

# Conversions

## Conversions Part 2

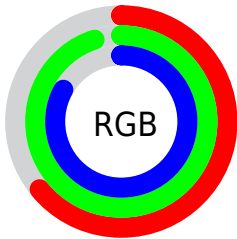
Format	Color
<a href="#">RYB</a>	<a href="#">164, 213, 242</a>
Decimal	<a href="#">10810067</a>
CIELab	<a href="#">89.91, -30.40, 7.38</a>
CIELCh	<a href="#">90, 31.285, 166.360</a>
Yxy	<a href="#">76.0999, 0.2826, 0.3656</a>
Android (android.graphics.Color)	<a href="#">4289000147 (0xFFA4F2D3)</a>
YUV	<a href="#">215.1440, -2.0430, -44.8533</a>
Hunter-Lab	<a href="#">87.2353, -32.3051, 11.3025</a>

# Details

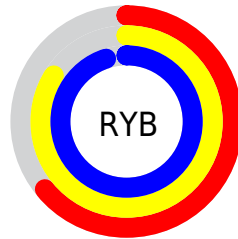
The Android color `4289000147` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4294091971`, and the grayscale version is `4292335575`.

A 20% lighter version of the original color is `4292739071`, and `4285381276` is the 20% darker color. If you saturate the color by 10%, you get `4287427273`, and if you desaturate by 10%, it is `4290573021`.

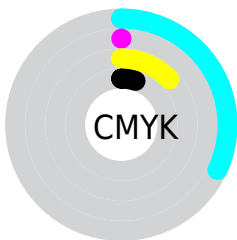
# Distribution



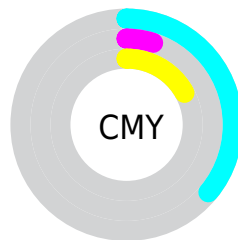
- Red (64%)
- Green (95%)
- Blue (83%)



- Red (64%)
- Yellow (84%)
- Blue (95%)



- Cyan (32%)
- Magenta (0%)
- Yellow (13%)
- Black (5%)



- Cyan (36%)
- Magenta (5%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289000147 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 4289000147 by changing the saturation by 10% instead.





4289000147



4289000147

4294967295



4287157687



4292739071



4285381276



4294639615



4283670146



4281893993



4279921233



4278211130



4278204965



4278199568



4278190080

 4289000147

 4289000147

 4287427273

 4290573021

 4285854400

 4292145894

 4284215990

 4293784304

 4282643117

 4294963961

 4281070243

 4294963967

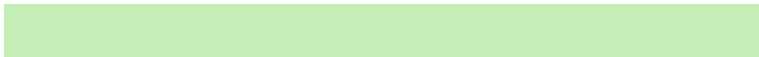
 4279497369

 4278252178

# Harmonies

## Analogous

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



4291161528



4289000147



4287493106

# Triad

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



4289000147



4292141055



4294955704

# Complementary

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



4289000147



4294091971

# 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.



4294954451



4289000147



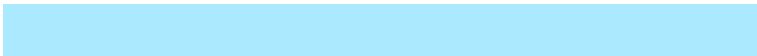
4294694399

# Square

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



4289000147



4289456639



4294954737



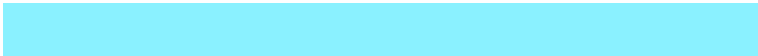
4294958249

# Rectangle

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



4289000147



4287295999



4294954737

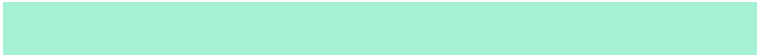


4294955200

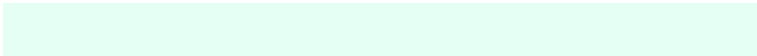


# Sweetspot

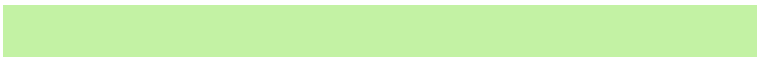
The Sweet Spot groups the original color and five complimentary colors.



4289000147



4293328885



4291031716



4285563001



4278190080



4286611584

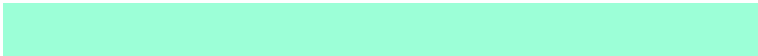


# Same Dimension

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



4289000147



4288479191



4288998130



4285298803



4278237295



4278204450



# Inverse Universe

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



4294091971



4294941891



4294093988



4286082161



4290248777

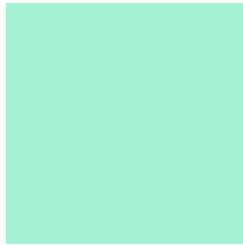


4281860118



# Previews

## White Background



This preview shows how the Android color 4289000147 looks on a white background.

## Color Contrast Check

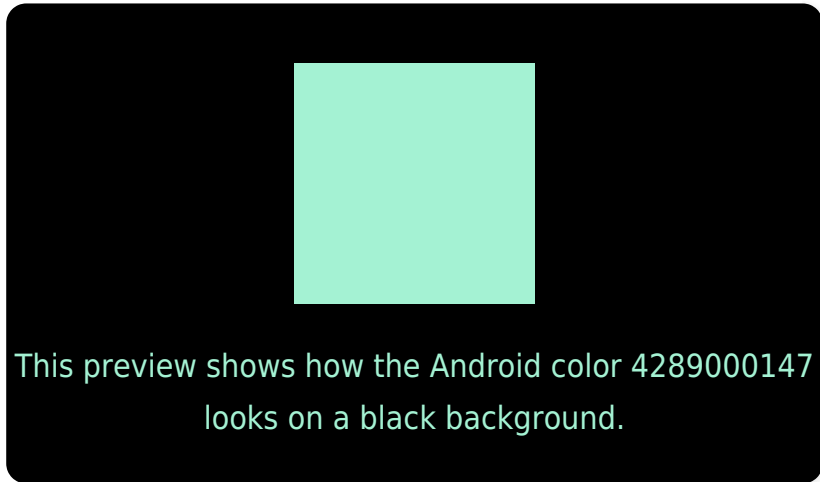
Large Text (above 18pt) WCAG AA × Fail

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 4289000147 Background



This preview shows how black text looks on a background with the Android color 4289000147.




This preview shows how white text looks on a background with the Android color 4289000147.

# 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





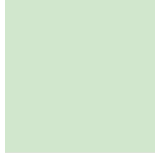
**Tritanopia**  
4289588479

# Trichromacy



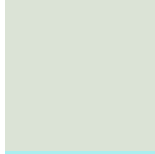
**Original Color**

4289000147



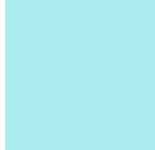
**Protanomaly**

4291946445



**Deuteranomaly**

4292600790



**Tritanomaly**

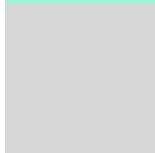
4289392367

# Monochromacy



**Original Color**

4289000147



**Achromatopsia**

4292335575



**Achromatomaly**

4291092950

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289000147 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(164, 242, 211)` looks like.

```
.text, #text, p{  
    color:rgb(164, 242, 211)  
}
```

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(164, 242, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 242, 211) }
```

## Border

The CSS property to change the border of an element to Android 4289000147 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(164, 242, 211) }
```

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

```
.border{ border-color:rgb(164, 242, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 242, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 242, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 242, 211);  
box-shadow:4px 4px 4px 4px rgb(164, 242,  
211) }
```

# Background

The CSS property to change the background color of an element to Android 4289000147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 242, 211) }
```

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

```
.background{ background-color: rgb(164,  
242, 211) }
```

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