

# Converting Colors

Android(4288536267)

Have a look what the booklet for  
Android(4288536267) contains.

<b>Android(4288536267)</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(4288536267)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DDECB
RGB	157, 222, 203
RGB Percent	62%, 87%, 80%
CMY	0.3843, 0.1294, 0.2039
CMYK	0.29, 0.00, 0.09, 0.13
HSL	162°, 50%, 74%
HSV	162°, 29%, 87%
XYZ	50.8054, 63.7224, 66.1218
YIQ	200.3990, -32.6410, -19.6890

# Conversions

## Conversions Part 2

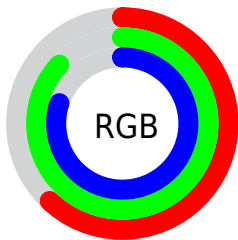
Format	Color
<a href="#">RYB</a>	<a href="#">157, 195, 222</a>
Decimal	<a href="#">10346187</a>
CIELab	<a href="#">83.82, -24.48, 2.74</a>
CIELCh	<a href="#">84, 24.633, 173.614</a>
Yxy	<a href="#">63.7224, 0.2812, 0.3527</a>
Android (android.graphics.Color)	<a href="#">4288536267 (0xFF9DDECB)</a>
YUV	<a href="#">200.3990, 1.2823, -38.0609</a>
Hunter-Lab	<a href="#">79.8263, -26.0899, 6.7673</a>

# Details

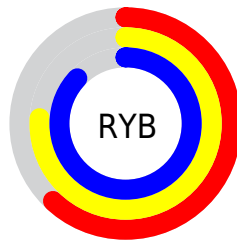
The Android color `4288536267` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4292779440`, and the grayscale version is `4291348680`.

A 20% lighter version of the original color is `4292214783`, and `4284983189` is the 20% darker color. If you saturate the color by 10%, you get `4287094469`, and if you desaturate by 10%, it is `4289978065`.

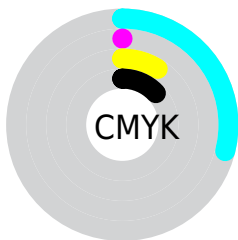
# Distribution



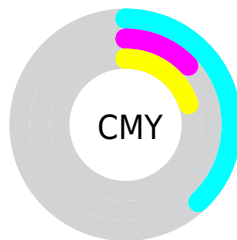
- Red (62%)
- Green (87%)
- Blue (80%)



- Red (62%)
- Yellow (76%)
- Blue (87%)



- Cyan (29%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (38%)
- Magenta (13%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288536267 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 4288536267 by changing the saturation by 10% instead.





4288536267



4288536267

4294967295



4286759600



4292214783



4284983189



4294115327



4283272315



4281561698



4279786059



4278207028



4278201119



4278195719



4278190080

 4288536267

 4288536267

 4287094469

 4289978065

 4285652670

 4291419864

 4284145336

 4292927198

 4282703537

 4294368997

 4281261739

 4294958827

 4279819940

 4294958834

 4278378142

 4294958840

 4278247069

 4294958847

# Harmonies

## Analogous

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



4290042805



4288536267



4287749859

# Triad

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



4288536267



4291808763



4294559405

# Complementary

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



4288536267



4292779440

# 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.



4294951359



4288536267



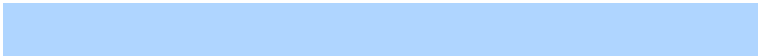
4293576173

# Square

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



4288536267



4289713663



4294754775



4293381795

# Rectangle

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



4288536267



4287880432



4294754775



4294821042



# Sweetspot

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



4288536267



4293459960



4289846941



4285628539



4278190080



4286611584

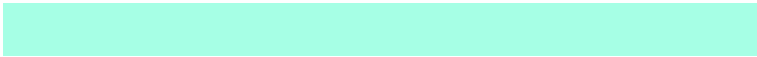


# Same Dimension

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



4288536267



4289134565



4288532958



4284837997



4278235261



4278202402



# Inverse Universe

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



4292779440



4294944448



4292782749



4285556072



4289724467



4281335822



# Previews

## White Background



This preview shows how the Android color 4288536267 looks on a white background.

## Color Contrast Check

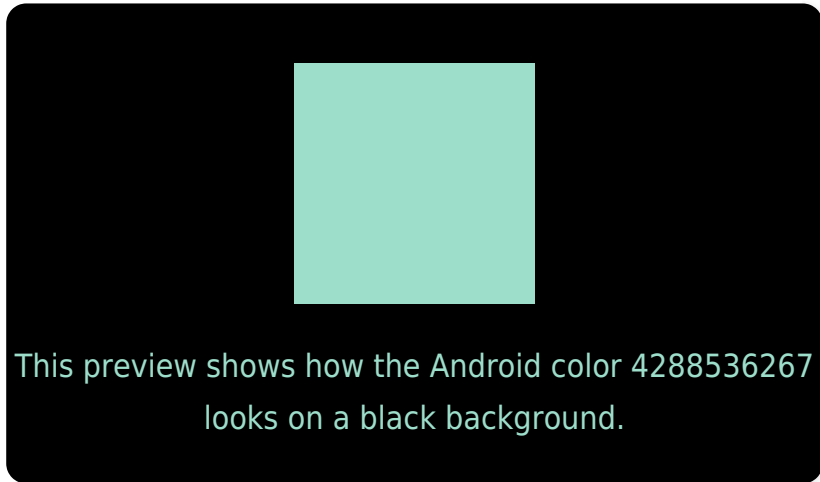
Large Text (above 18pt) WCAG AA × Fail

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 4288536267 Background



This preview shows how black text looks on a background with the Android color 4288536267.




This preview shows how white text looks on a background with the Android color 4288536267.

# 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





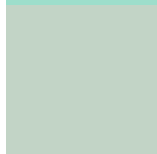
**Tritanopia**  
4288993771

# Trichromacy



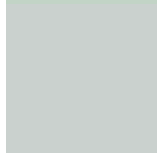
**Original Color**

4288536267



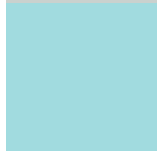
**Protanomaly**

4290958534



**Deuteranomaly**

4291482062



**Tritanomaly**

4288797663

# Monochromacy



**Original Color**

4288536267



**Achromatopsia**

4291348680



**Achromatomaly**

4290302153

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288536267 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(157, 222, 203)` looks like.

```
.text, #text, p{  
    color:rgb(157, 222, 203)  
}
```

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(157, 222, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 222, 203) }
```

## Border

The CSS property to change the border of an element to Android 4288536267 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(157, 222, 203) }
```

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

```
.border{ border-color:rgb(157, 222, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 222, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 222, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 222, 203); box-shadow:4px 4px 4px 4px rgb(157, 222, 203) }
```

# Background

The CSS property to change the background color of an element to Android 4288536267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 222, 203) }
```

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

```
.background{ background-color: rgb(157,  
222, 203) }
```

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