

# Converting Colors

Android(4288477931)

Have a look what the booklet for  
Android(4288477931) contains.

<b>Android(4288477931)</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(4288477931)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CFAEB
RGB	156, 250, 235
RGB Percent	61%, 98%, 92%
CMY	0.3882, 0.0196, 0.0784
CMYK	0.38, 0.00, 0.06, 0.02
HSL	170°, 90%, 80%
HSV	170°, 38%, 98%
XYZ	62.8913, 81.4373, 91.0015
YIQ	220.1840, -51.2090, -24.5930

# Conversions

## Conversions Part 2

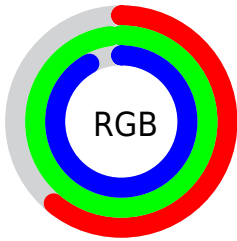
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 207, 250
Decimal	10287851
CIELab	92.33, -31.22, -1.62
CIELCh	92, 31.264, 182.974
Yxy	81.4373, 0.2672, 0.3461
Android (android.graphics.Color)	4288477931 (0xFF9CFAEB)
YUV	220.1840, 7.3043, -56.2894
Hunter-Lab	90.2426, -33.5255, 3.3812

# Details

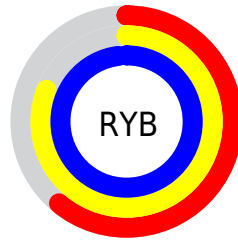
The Android color `4288477931` is a light color, and the websafe version is hex `99FFFF`. A complement of this color would be `4294614187`, and the grayscale version is `4292664540`.

A 20% lighter version of the original color is `4292280319`, and `4284727731` is the 20% darker color. If you saturate the color by 10%, you get `4286839527`, and if you desaturate by 10%, it is `4290116335`.

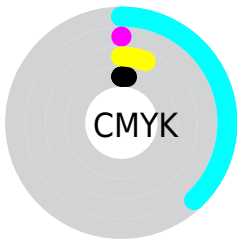
# Distribution



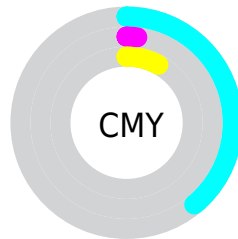
- Red (61%)
- Green (98%)
- Blue (92%)



- Red (61%)
- Yellow (81%)
- Blue (98%)



- Cyan (38%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (39%)
- Magenta (2%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288477931 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 4288477931 by changing the saturation by 10% instead.





4288477931



4288477931

4294967295



4286635471



4292280319



4284727731



4294180863



4282885785



4280781695



4278219110



4278212686



4278206519



4278200866



4278194188

 4288477931

 4288477931

 4286839527


 4290116335

 4285201123

 4291754739

 4283562719

 4293393143

 4281924315

 4294966011

 4280285911

 4294966015

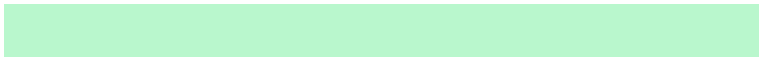
 4278647507

 4278254290

# Harmonies

## Analogous

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



4290377677



4288477931



4287756799

# Triad

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



4288477931



4294107391



4294958772

# Complementary

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



4288477931



4294614187

# 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.



4294956746



4288477931



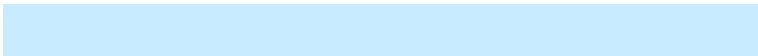
4294957055

# Square

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



4288477931



4291357695



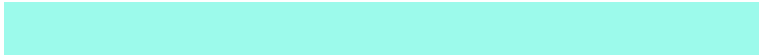
4294956007



4294764717

# Rectangle

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



4288477931



4288345855



4294956007

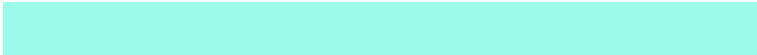


4294958010



# Sweetspot

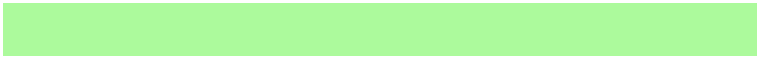
The Sweet Spot groups the original color and five complimentary colors.



4288477931



4293132283



4289526428



4285497469



4278190080

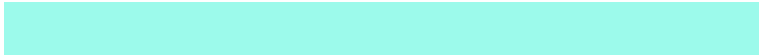


4286611584

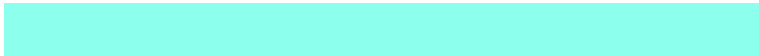


# Same Dimension

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



4288477931



4287430637



4288470010



4285562235



4278238623



4278205747



# Inverse Universe

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



4294614187



4294937759



4294622108



4286410866



4290576414

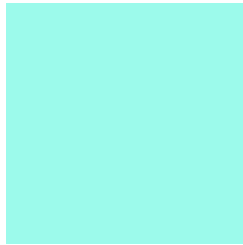


4282187786



# Previews

## White Background



This preview shows how the Android color 4288477931 looks on a white background.

## Color Contrast Check

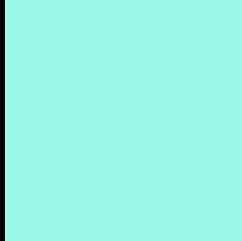
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4288477931 looks on a 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 4288477931 Background



This preview shows how black text looks on a background with the Android color 4288477931.

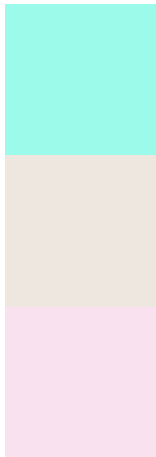


This preview shows how white text looks on a background with the Android color 4288477931.

# 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



**Original Color**  
4288477931

**Protanopia**  
4293847008

**Deuteranopia**  
4294631920

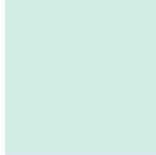


**Tritanopia**  
4290638335

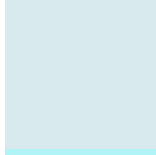
# Trichromacy



**Original Color**  
4288477931



**Protanomaly**  
4291882724



**Deuteranomaly**  
4292405998

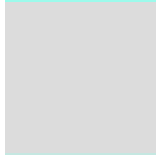


**Tritanomaly**  
4289852664

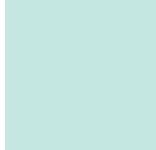
# Monochromacy



**Original Color**  
4288477931



**Achromatopsia**  
4292664540



**Achromatomaly**  
4291160033

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288477931 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(156, 250, 235)` looks like.

```
.text, #text, p{  
    color:rgb(156, 250, 235)  
}
```

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(156, 250, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 250, 235) }
```

## Border

The CSS property to change the border of an element to Android 4288477931 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(156, 250, 235) }
```

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

```
.border{ border-color:rgb(156, 250, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 250, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 250, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 250, 235);  
box-shadow:4px 4px 4px 4px rgb(156, 250,  
235) }
```

# Background

The CSS property to change the background color of an element to Android 4288477931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 250, 235) }
```

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

```
.background{ background-color: rgb(156,  
250, 235) }
```

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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