

# Converting Colors

Android(4288217029)

Have a look what the booklet for  
Android(4288217029) contains.

<b>Android(4288217029)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4288217029)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98FFC5
RGB	152, 255, 197
RGB Percent	60%, 100%, 77%
CMY	0.4039, 0.0000, 0.2275
CMYK	0.40, 0.00, 0.23, 0.00
HSL	146°, 100%, 80%
HSV	146°, 40%, 100%
XYZ	58.7869, 82.2266, 65.5963
YIQ	217.5910, -42.7700, -39.8740

# Conversions

## Conversions Part 2

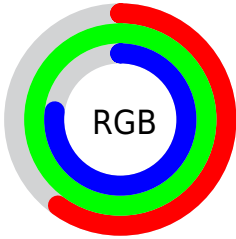
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">152, 224, 255</a>
Decimal	<a href="#">10026949</a>
CIELab	<a href="#">92.67, -42.42, 18.45</a>
CIELCh	<a href="#">93, 46.259, 156.488</a>
Yxy	<a href="#">82.2266, 0.2845, 0.3980</a>
Android (android.graphics.Color)	<a href="#">4288217029</a> ( <a href="#">0xFF98FFC5</a> )
YUV	<a href="#">217.5910, -10.1514, -57.5233</a>
Hunter-Lab	<a href="#">90.6789, -42.9669, 20.5854</a>

# Details

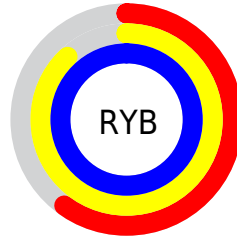
The Android color `4288217029` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4294940882`, and the grayscale version is `4292532954`.

A 20% lighter version of the original color is `4292018174`, and `4284466831` is the 20% darker color. If you saturate the color by 10%, you get `4286578615`, and if you desaturate by 10%, it is `4289920979`.

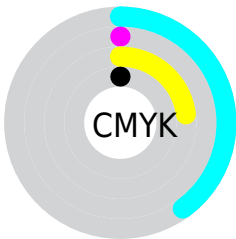
# Distribution



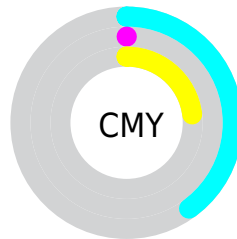
- Red (60%)
- Green (100%)
- Blue (77%)



- Red (60%)
- Yellow (88%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288217029 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 4288217029 by changing the saturation by 10% instead.



 4288217029

 4288217029

4294967295

 4286374570

 4292018174

 4284466831

 4293918719

 4282559093

 4280389468

 4278220101

 4278213422

 4278207256

 4278201344

 4278194432


 4288217029

 4288217029

 4286578615


 4289920979

 4284874664

 4291559394

 4283236250

 4293263344

 4281532300

4294901758

 4279828349

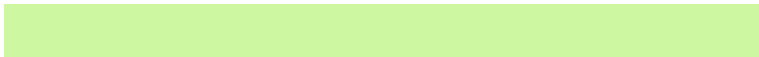
4294967295

 4278255471

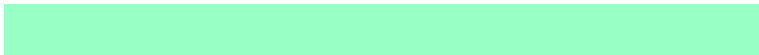
# Harmonies

## Analogous

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



4291753889



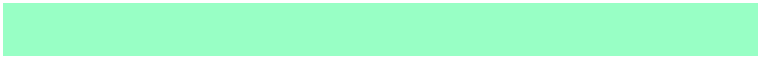
4288217029



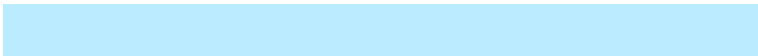
4284350450

# Triad

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



4288217029



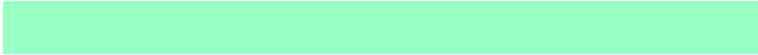
4290440191



4294954423

# Complementary

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



4288217029



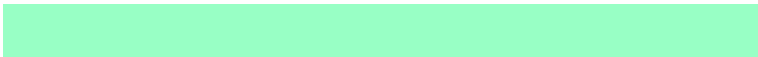
4294940882

# 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.



4294952930



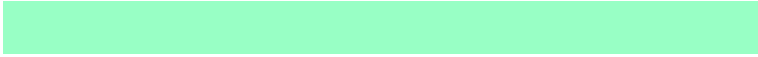
4288217029



4294761471

# Square

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



4288217029



4285528319



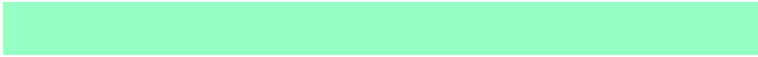
4294954495



4294957977

# Rectangle

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



4288217029



4282122239



4294954495

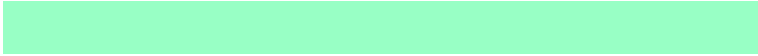


4294953669

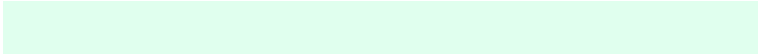


# Sweetspot

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



4288217029



4292935662



4292018072



4285431925



4278190080

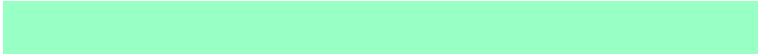


4286611584

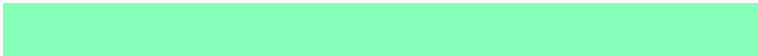


# Same Dimension

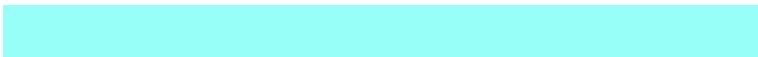
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4288217029



4286971834



4288217080



4285759608



4278239060



4278206492



# Inverse Universe

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



4294940882



4294936010



4294940831



4286608250



4290707564

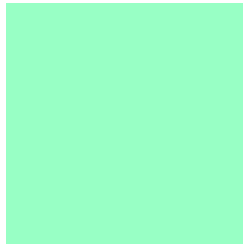


4282384420



# Previews

## White Background



This preview shows how the Android color 4288217029 looks on a white background.

## Color Contrast Check

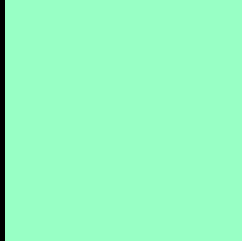
Large Text (above 18pt) WCAG AA × Fail

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 4288217029 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 4288217029 Background



This preview shows how black text looks on a background with the Android color 4288217029.



This preview shows how white text looks on a background with the Android color 4288217029.

# 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

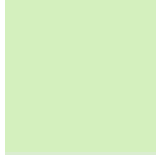




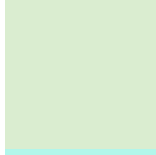
# Trichromacy



**Original Color**  
4288217029



**Protanomaly**  
4292145342



**Deuteranomaly**  
4292537808

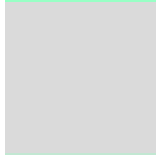


**Tritanomaly**  
4289918698

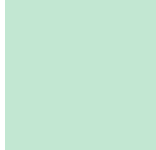
# Monochromacy



**Original Color**  
4288217029



**Achromatopsia**  
4292532954



**Achromatomaly**  
4290963410

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288217029 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(152, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(152, 255, 197)  
}
```

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(152, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 255, 197) }
```

## Border

The CSS property to change the border of an element to Android 4288217029 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(152, 255, 197) }
```

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

```
.border{ border-color:rgb(152, 255, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 255, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 255, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 255, 197);  
box-shadow:4px 4px 4px 4px rgb(152, 255,  
197) }
```

# Background

The CSS property to change the background color of an element to Android 4288217029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 255, 197) }
```

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

```
.background{ background-color: rgb(152,  
255, 197) }
```

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