

# Converting Colors

Android(4289457622)

Have a look what the booklet for  
Android(4289457622) contains.

<b>Android(4289457622)</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(4289457622)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABEDD6
RGB	171, 237, 214
RGB Percent	67%, 93%, 84%
CMY	0.3294, 0.0706, 0.1608
CMYK	0.28, 0.00, 0.10, 0.07
HSL	159°, 65%, 80%
HSV	159°, 28%, 93%
XYZ	59.2164, 74.0813, 74.7964
YIQ	214.6440, -31.9530, -21.1450

# Conversions

## Conversions Part 2

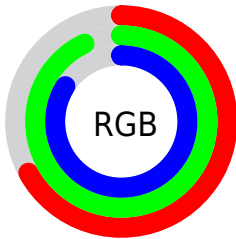
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 211, 237
Decimal	11267542
CIELab	88.96, -25.38, 4.50
CIElCh	89, 25.771, 169.950
Yxy	74.0813, 0.2846, 0.3560
Android (android.graphics.Color)	4289457622 (0xFFABEDD6)
YUV	214.6440, -0.3175, -38.2758
Hunter-Lab	86.0705, -27.8157, 8.7256

# Details

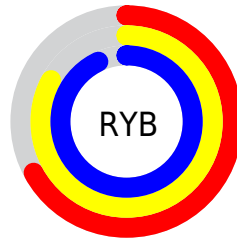
The Android color `4289457622` is a light color, and the websafe version is hex `99FFFF`. A complement of this color would be `4293766082`, and the grayscale version is `4292335575`.

A 20% lighter version of the original color is `4293197823`, and `4285904287` is the 20% darker color. If you saturate the color by 10%, you get `4287884750`, and if you desaturate by 10%, it is `4291030494`.

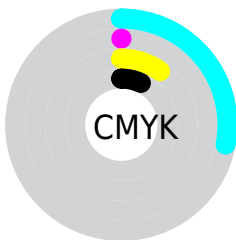
# Distribution



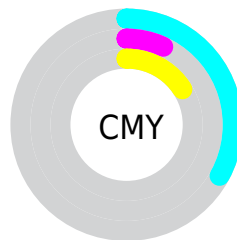
- Red (67%)
- Green (93%)
- Blue (84%)



- Red (67%)
- Yellow (83%)
- Blue (93%)



- Cyan (28%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (33%)
- Magenta (7%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289457622 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 4289457622 by changing the saturation by 10% instead.



 4289457622

 4289457622

4294967295

 4287680954

 4293197823

 4285904287

 4284193413

 4282482796

 4280706644

 4278603325

 4278204199

 4278198802

 4278190080

 4289457622

 4289457622

 4287884750

 4291030494

 4286377413


 4292537831

 4284804541

 4294110703

 4283231669

 4294962679

 4281658797

 4294962687

 4280151460

 4278578588

 4278250906

# Harmonies

## Analogous

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



4291160511



4289457622



4288474607

# Triad

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



4289457622



4292467967



4294955963

# Complementary

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



4289457622



4293766082

# 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.



4294954960



4289457622



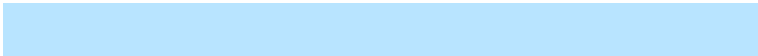
4294431999

# Square

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



4289457622



4290307327



4294954985



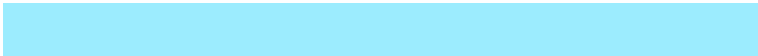
4294630319

# Rectangle

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



4289457622



4288474366



4294954985



4294955457



# Sweetspot

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



4289457622



4293656568



4290964907



4285759611



4278190080



4286611584

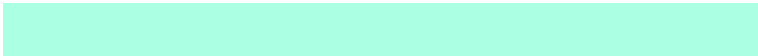


# Same Dimension

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



4289457622



4289462242



4289455085



4285166961



4278236534



4278203939



# Inverse Universe

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



4293766082



4294945736



4293768619



4285885038



4290052159

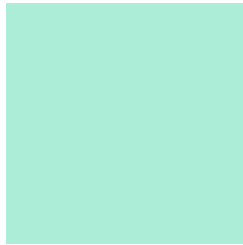


4281729043



# Previews

## White Background



This preview shows how the Android color 4289457622 looks on a white background.

## Color Contrast Check

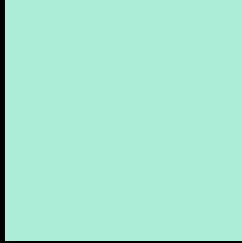
Large Text (above 18pt) WCAG AA × Fail

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 4289457622 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 4289457622 Background



This preview shows how black text looks on a background with the Android color 4289457622.

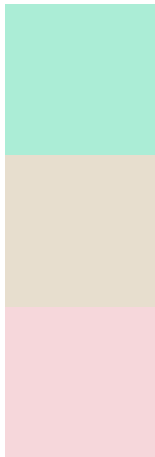


This preview shows how white text looks on a background with the Android color 4289457622.

# 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**  
4289457622

**Protanopia**  
4293385934

**Deuteranopia**  
4294367195

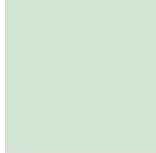


# Trichromacy



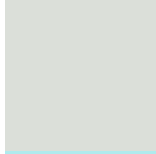
**Original Color**

4289457622



**Protanomaly**

4291945425



**Deuteranomaly**

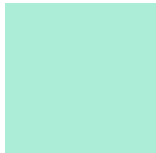
4292599769



**Tritanomaly**

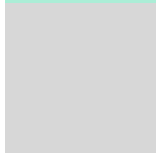
4289784557

# Monochromacy



**Original Color**

4289457622



**Achromatopsia**

4292335575



**Achromatomaly**

4291289047

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289457622 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(171, 237, 214)` looks like.

```
.text, #text, p{  
    color:rgb(171, 237, 214)  
}
```

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(171, 237, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 237, 214) }
```

## Border

The CSS property to change the border of an element to Android 4289457622 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(171, 237, 214) }
```

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

```
.border{ border-color:rgb(171, 237, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 237, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 237, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 237, 214);  
box-shadow:4px 4px 4px 4px rgb(171, 237,  
214) }
```

# Background

The CSS property to change the background color of an element to Android 4289457622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 237, 214) }
```

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

```
.background{ background-color: rgb(171,  
237, 214) }
```

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