

# Converting Colors

Android(4287234011)

Have a look what the booklet for  
Android(4287234011) contains.

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**Color**

**Android(4287234011)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89FFDB
RGB	137, 255, 219
RGB Percent	54%, 100%, 86%
CMY	0.4627, 0.0000, 0.1412
CMYK	0.46, 0.00, 0.14, 0.00
HSL	162°, 100%, 77%
HSV	162°, 46%, 100%
XYZ	58.8627, 81.9528, 79.7339
YIQ	215.6140, -58.7720, -36.2120

# Conversions

## Conversions Part 2

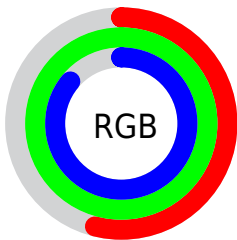
Format	Color
<a href="#">RYB</a>	<a href="#">137, 207, 255</a>
Decimal	<a href="#">9043931</a>
CIELab	<a href="#">92.55, -41.71, 6.89</a>
CIElCh	<a href="#">93, 42.280, 170.619</a>
Yxy	<a href="#">81.9528, 0.2669, 0.3716</a>
Android (android.graphics.Color)	<a href="#">4287234011</a> ( <a href="#">0xFF89FFDB</a> )
YUV	<a href="#">215.6140, 1.6693, -68.9445</a>
Hunter-Lab	<a href="#">90.5278, -42.3599, 11.1488</a>

# Details

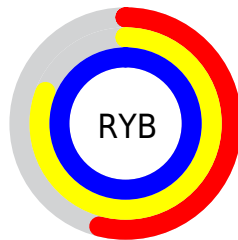
The Android color `4287234011` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4294937005`, and the grayscale version is `4292401368`.

A 20% lighter version of the original color is `4291100671`, and `4283287204` is the 20% darker color. If you saturate the color by 10%, you get `4285595603`, and if you desaturate by 10%, it is `4288937955`.

# Distribution



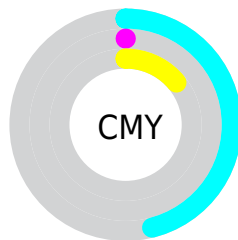
- Red (54%)
- Green (100%)
- Blue (86%)



- Red (54%)
- Yellow (81%)
- Blue (100%)



- Cyan (46%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (46%)
- Magenta (0%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287234011 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 4287234011 by changing the saturation by 10% instead.



 4287234011

 4287234011

4294967295

 4285326015

 4291100671

 4283287204

 4293066751

 4280986250

 4278226800

 4278220120

 4278213441

 4278207275

 4278201366

 4278194176

 4287234011

 4287234011

 4285595603

 4288937955

 4283891659

 4290576363

 4282187716

 4292280306

 4280549308

 4293918714

 4278845364

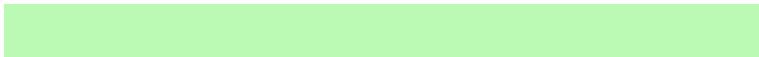
4294967295

 4278255537

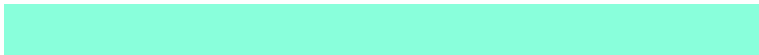
# Harmonies

## Analogous

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



4290443957



4287234011



4284547071

# Triad

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



4287234011



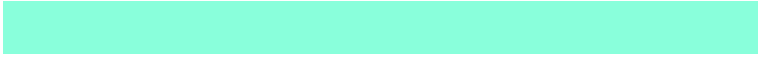
4292732159



4294956460

# Complementary

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



4287234011



4294937005

# 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.



4294954191



4287234011



4294956543

# Square

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



4287234011



4288606719



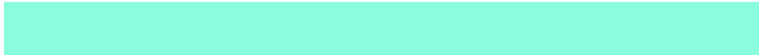
4294954232



4294960025

# Rectangle

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



4287234011



4284349951



4294954232



4294955447

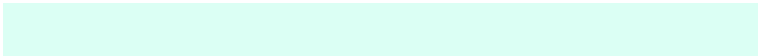


# Sweetspot

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



4287234011



4292607988



4289658761



4285169785



4278190080



4286611584



# Same Dimension

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



4287234011



4285595603



4287228415



4285759612



4278239109



4278206508



# Inverse Universe

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



4294937005



4294930588



4294942601



4286608247



4290707514

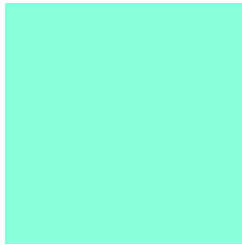


4282384403



# Previews

## White Background



This preview shows how the Android color 4287234011 looks on a white background.

## Color Contrast Check

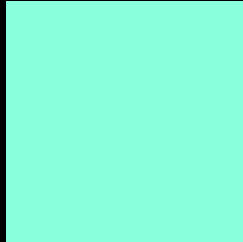
Large Text (above 18pt) WCAG AA × Fail

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 4287234011 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 4287234011 Background



This preview shows how black text looks on a background with the Android color 4287234011.

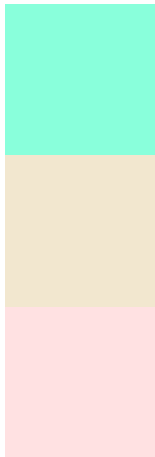


This preview shows how white text looks on a background with the Android color 4287234011.

# 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**  
4287234011

**Protanopia**  
4294109135

**Deuteranopia**  
4294959586



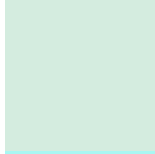
# Trichromacy



**Original Color**  
4287234011



**Protanomaly**  
4291621075



**Deuteranomaly**  
4292144351

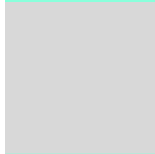


**Tritanomaly**  
4289329138

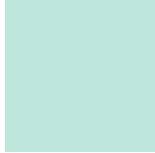
# Monochromacy



**Original Color**  
4287234011



**Achromatopsia**  
4292401368



**Achromatomaly**  
4290504409

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287234011 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(137, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(137, 255, 219)  
}
```

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(137, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 255, 219) }
```

## Border

The CSS property to change the border of an element to Android 4287234011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

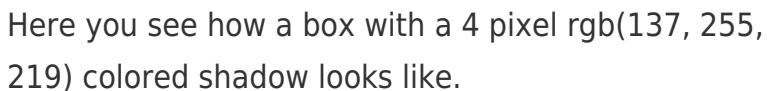
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 255, 219) }
```

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

```
.border{ border-color:rgb(137, 255, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 255, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 255, 219); box-shadow:4px 4px 4px 4px rgb(137, 255, 219) }
```

# Background

The CSS property to change the background color of an element to Android 4287234011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 255, 219) }
```

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

```
.background{ background-color: rgb(137,  
255, 219) }
```

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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