

# Converting Colors

Android(4287229183)

Have a look what the booklet for  
Android(4287229183) contains.

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# **Color**

**Android(4287229183)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89ECFF
RGB	137, 236, 255
RGB Percent	54%, 93%, 100%
CMY	0.4627, 0.0745, 0.0000
CMYK	0.46, 0.07, 0.00, 0.00
HSL	190°, 100%, 77%
HSV	190°, 46%, 100%
XYZ	58.3620, 72.5293, 105.5313
YIQ	208.5650, -65.1030, -15.0790

# Conversions

## Conversions Part 2

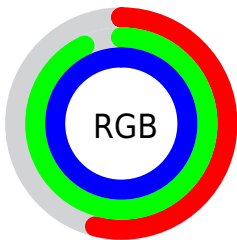
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 191, 255
Decimal	9039103
CIELab	88.22, -24.26, -18.23
CIELCh	88, 30.345, 216.929
Yxy	72.5293, 0.2469, 0.3068
Android (android.graphics.Color)	4287229183 (0xFF89ECFF)
YUV	208.5650, 22.8925, -62.7625
Hunter-Lab	85.1641, -26.7132, -13.8544

# Details

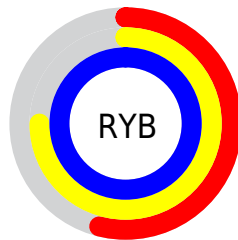
The Android color `4287229183` is a light color, and the websafe version is hex `99FFFF`. A complement of this color would be `4294941833`, and the grayscale version is `4291875024`.

A 20% lighter version of the original color is `4291100671`, and `4283282630` is the 20% darker color. If you saturate the color by 10%, you get `4285589759`, and if you desaturate by 10%, it is `4288934143`.

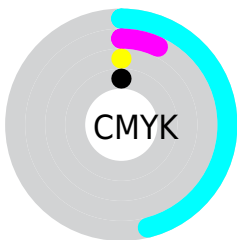
# Distribution



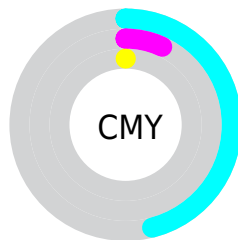
- Red (54%)
- Green (93%)
- Blue (100%)



- Red (54%)
- Yellow (75%)
- Blue (100%)



- Cyan (46%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287229183 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 4287229183 by changing the saturation by 10% instead.



 4287229183

 4287229183

4294967295

 4285255906

 4291100671

 4283282630

 4293066751

 4280916395

 4278222736

 4278216311

 4278209886

 4278203974

 4278198832

 4278190363

 4287229183

 4287229183

 4285589759

 4288934143

 4283884799

 4290573567

 4282179839

 4292278527

 4280540415

 4293917951

 4278835199

4294967295

 4278245119

# Harmonies

## Analogous

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



4287688419



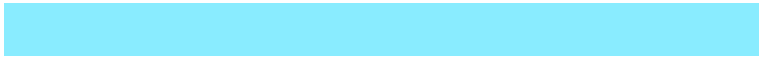
4287229183



4288538367

# Triad

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



4287229183



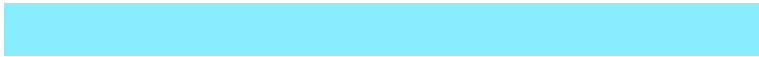
4294953973



4293713572

# Complementary

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



4287229183



4294941833

# 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.



4294956201



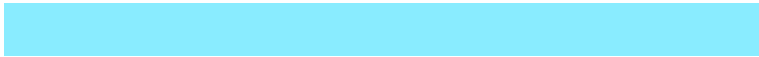
4287229183



4294953176

# Square

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



4287229183



4293580031



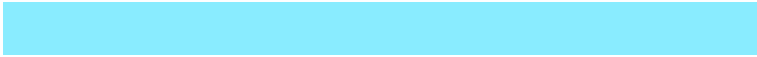
4294954172



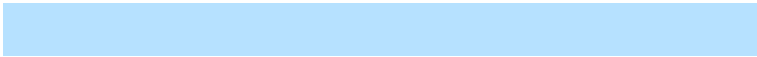
4291618479

# Rectangle

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



4287229183



4290175487



4294954172

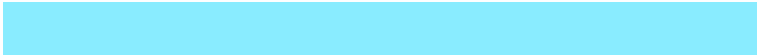


4294302372

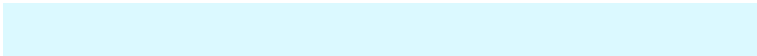


# Sweetspot

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



4287229183



4292606463



4287233947



4285168768



4278190080

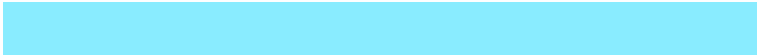


4286611584



# Same Dimension

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



4287229183



4285589759



4287214335



4285758848



4278231231



4278203712



# Inverse Universe

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



4294937068



4294930664



4294956681



4286608253



4290707616

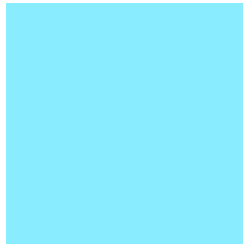


4282384437



# Previews

## White Background



This preview shows how the Android color 4287229183 looks on a white background.

## Color Contrast Check

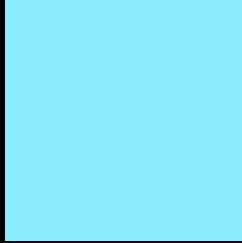
Large Text (above 18pt) WCAG AA × Fail

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 4287229183 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 4287229183 Background



This preview shows how black text looks on a background with the Android color 4287229183.




This preview shows how white text looks on a background with the Android color 4287229183.

# 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**  
4287229183

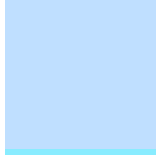
# Trichromacy



**Original Color**  
4287229183



**Protanomaly**  
4290568696



**Deuteranomaly**  
4290764799

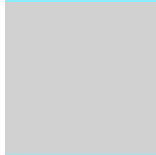


**Tritanomaly**  
4287229183

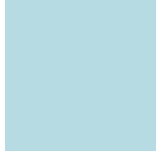
# Monochromacy



**Original Color**  
4287229183



**Achromatopsia**  
4291940817



**Achromatomaly**  
4290239458

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287229183 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, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(137, 236, 255)  
}
```

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, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 236, 255) }
```

## Border

The CSS property to change the border of an element to Android 4287229183 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, 236, 255) }
```

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

```
.border{ border-color:rgb(137, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(137, 236,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4287229183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 236, 255) }
```

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

```
.background{ background-color: rgb(137,  
236, 255) }
```

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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