

# Converting Colors

Android(4283879167)

Have a look what the booklet for  
Android(4283879167) contains.

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# **Color**

**Android(4283879167)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56CEFF
RGB	86, 206, 255
RGB Percent	34%, 81%, 100%
CMY	0.6627, 0.1922, 0.0000
CMYK	0.66, 0.19, 0.00, 0.00
HSL	197°, 100%, 67%
HSV	197°, 66%, 100%
XYZ	43.9591, 53.3410, 102.5867
YIQ	175.7060, -87.2490, -10.2010

# Conversions

## Conversions Part 2

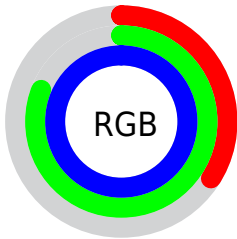
Format	Color
R <sub>Y</sub> B	86, 156, 255
Decimal	5689087
CIE Lab	78.08, -18.83, -33.87
CIE LCh	78, 38.751, 240.927
Yxy	53.3410, 0.2199, 0.2669
Android (android.graphics.Color)	4283879167 (0xFF56CEFF)
YUV	175.7060, 39.0919, -78.6722
Hunter-Lab	73.0350, -20.3737, -32.1557

# Details

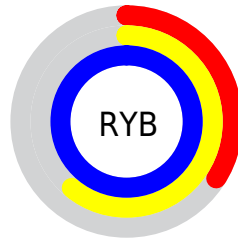
The Android color `4283879167` is a light color, and the websafe version is hex `66CCFF`. The color can be described as light muted cyan. A complement of this color would be `4294936406`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4288217087`, and `4278229190` is the 20% darker color. If you saturate the color by 10%, you get `4282238975`, and if you desaturate by 10%, it is `4285584895`.

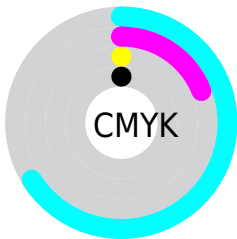
# Distribution



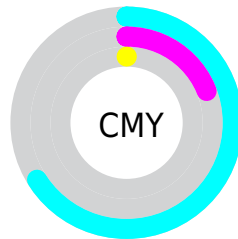
- Red (34%)
- Green (81%)
- Blue (100%)



- Red (34%)
- Yellow (61%)
- Blue (100%)



- Cyan (66%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (19%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283879167 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 4283879167 by changing the saturation by 10% instead.





4283879167



4283879167

4294967295



4281184994



4288217087



4278229190



4290248703



4278222507



4292280319



4278216080



4294311935



4278209910



4278203997



4278198597



4278191151



4278190361

■ 4283879167

■ 4283879167

■ 4282238975

■ 4285584895

■ 4280532991

■ 4287225343

■ 4278892799

■ 4288931071

■ 4278236671

■ 4290571519

■ 4292277247

■ 4293917439

4294967295

# Harmonies

## Analogous

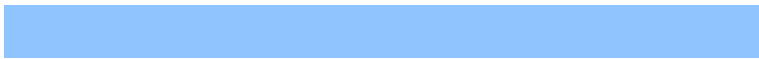
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4281979877



4283879167



4287677695

# Triad

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



4283879167



4294944193



4289907330

# Complementary

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



4283879167



4294936406

# 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.



4292394873



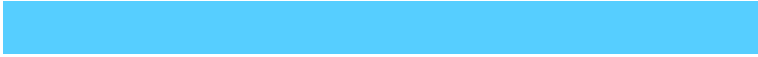
4283879167



4294945182

# Square

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



4283879167



4293962725



4294357891



4287156637

# Rectangle

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



4283879167



4290166015



4294357891



4290824061

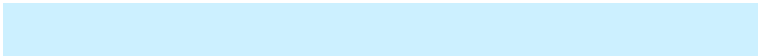


# Sweetspot

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



4283879167



4291621119



4283891590



4284577664



4278190080



4286611584



# Same Dimension

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



4283879167



4281582847



4283857919



4285758592



4278225087



4278201664



# Inverse Universe

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



4294923982



4294915012



4294957654



4286608252



4290707592

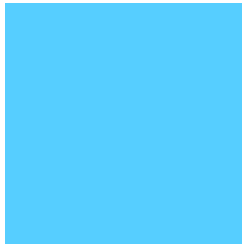


4282384429



# Previews

## White Background



This preview shows how the Android color 4283879167 looks on a white background.

## Color Contrast Check

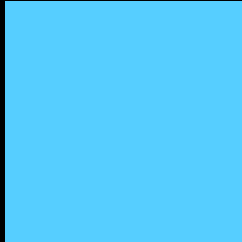
Large Text (above 18pt) WCAG AA × Fail

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 4283879167 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

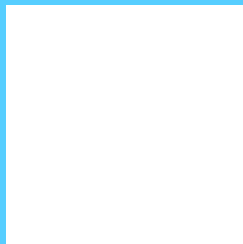
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283879167 Background



This preview shows how black text looks on a background with the Android color 4283879167.




This preview shows how white text looks on a background with the Android color 4283879167.

# 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**  
4282897380

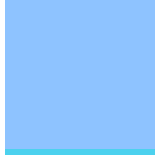
# Trichromacy



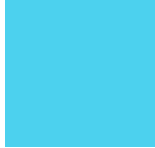
**Original Color**  
4283879167



**Protanomaly**  
4287743223



**Deuteranomaly**  
4287546367



**Tritanomaly**  
4283224558

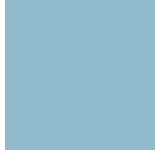
# Monochromacy



**Original Color**  
4283879167



**Achromatopsia**  
4289769648



**Achromatomaly**  
4287609805

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283879167 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(86, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(86, 206, 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(86, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 206, 255) }
```

## Border

The CSS property to change the border of an element to Android 4283879167 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(86, 206, 255) }
```

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

```
.border{ border-color:rgb(86, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(86, 206,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4283879167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 206, 255) }
```

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

```
.background{ background-color: rgb(86, 206,  
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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