

# Converting Colors

Android(4283082231)

Have a look what the booklet for  
Android(4283082231) contains.

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# **Color**

**Android(4283082231)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4AA5F7
RGB	74, 165, 247
RGB Percent	29%, 65%, 97%
CMY	0.7098, 0.3529, 0.0314
CMYK	0.70, 0.33, 0.00, 0.03
HSL	208°, 92%, 63%
HSV	208°, 70%, 97%
XYZ	33.0677, 35.0815, 93.0242
YIQ	147.1390, -80.5580, 6.2100

# Conversions

## Conversions Part 2

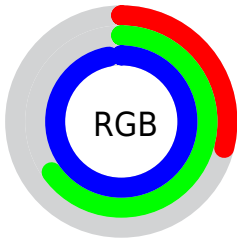
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	74, 134, 247
Decimal	4892151
CIE Lab	65.81, -0.98, -48.72
CIE LCh	66, 48.731, 268.852
Yxy	35.0815, 0.2052, 0.2177
Android (android.graphics.Color)	4283082231 (0xFF4AA5F7)
YUV	147.1390, 49.2315, -64.1429
Hunter-Lab	59.2296, -3.9961, -51.6583

# Details

The Android color `4283082231` is a light color, and the websafe version is hex `0099FF`. The color can be described as light washed azure. A complement of this color would be `4294417482`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4287421695`, and `4278219454` is the 20% darker color. If you saturate the color by 10%, you get `4281440759`, and if you desaturate by 10%, it is `4284723703`.

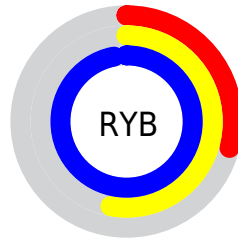
# Distribution



Red (29%)

Green (65%)

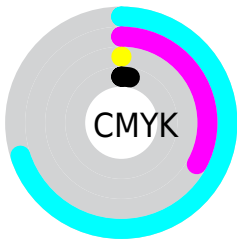
Blue (97%)



Red (29%)

Yellow (53%)

Blue (97%)

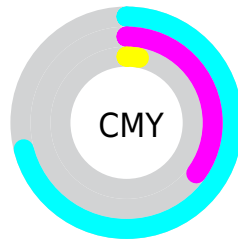


Cyan (70%)

Magenta (33%)

Yellow (0%)

Black (3%)



Cyan (71%)

Magenta (35%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283082231 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 4283082231 by changing the saturation by 10% instead.



 4283082231

 4283082231

4294967295

 4279929818

 4287421695

 4278219454

 4289460479

 4278213027

 4291493887

 4278207368

 4293525503

 4278201710

 4278196565

 4278191678

 4278190887

 4278190352

■ 4283082231

■ 4283082231

■ 4281440759

■ 4284723703

■ 4279865079

■ 4286299383

■ 4278223607

■ 4287940855

■ 4289582327

■ 4291158263

■ 4292799479

■ 4294440951

■ 4294967287

# Harmonies

## Analogous

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



4278235370



4283082231



4288714221

# Triad

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



4283082231



4293951352



4283937393

# Complementary

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



4283082231



4294417482

# 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.



4287605328



4283082231



4292709718

# Square

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



4283082231



4293884835



4290485574



4278236829

# Rectangle

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



4283082231



4291201754



4290485574



4285313124

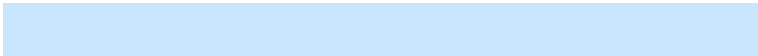


# Sweetspot

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



4283082231



4291421951



4283103131



4284510336



4278190080



4286611584



# Same Dimension

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



4283082231



4280916479



4283060471



4285429114



4278215354



4278198075



# Inverse Universe

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



4294396581



4294912409



4294439242



4286213749



4290379874

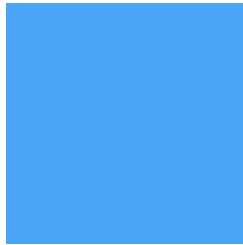


4282056735



# Previews

## White Background



This preview shows how the Android color 4283082231 looks on a white background.

## Color Contrast Check

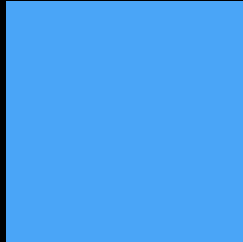
Large Text (above 18pt) WCAG AA × Fail

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 4283082231 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

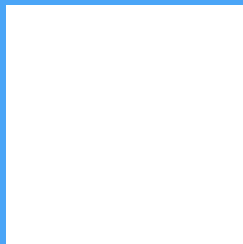
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283082231 Background



This preview shows how black text looks on a background with the Android color 4283082231.



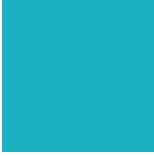
This preview shows how white text looks on a background with the Android color 4283082231.

# 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**  
4279939263

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283082231 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(74, 165, 247)` looks like.

```
.text, #text, p{  
    color:rgb(74, 165, 247)  
}
```

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(74, 165, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 165, 247) }
```

## Border

The CSS property to change the border of an element to Android 4283082231 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(74, 165, 247) }
```

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

```
.border{ border-color:rgb(74, 165, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 165, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 165, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 165, 247);  
box-shadow:4px 4px 4px 4px rgb(74, 165,  
247) }
```

# Background

The CSS property to change the background color of an element to Android 4283082231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 165, 247) }
```

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

```
.background{ background-color: rgb(74, 165,  
247) }
```

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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