

# Converting Colors

Android(4283409917)

Have a look what the booklet for  
Android(4283409917) contains.

<b>Android(4283409917)</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(4283409917)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FA5FD
RGB	79, 165, 253
RGB Percent	31%, 65%, 99%
CMY	0.6902, 0.3529, 0.0078
CMYK	0.69, 0.35, 0.00, 0.01
HSL	210°, 98%, 65%
HSV	210°, 69%, 99%
XYZ	34.4092, 35.6644, 97.9989
YIQ	149.3180, -79.5040, 9.1360

# Conversions

## Conversions Part 2

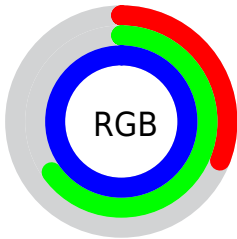
Format	Color
R <sub>Y</sub> B	79, 137, 253
Decimal	5219837
CIE Lab	66.26, 1.77, -51.27
CIE LCh	66, 51.299, 271.982
Yxy	35.6644, 0.2047, 0.2122
Android (android.graphics.Color)	4283409917 (0xFF4FA5FD)
YUV	149.3180, 51.1152, -61.6689
Hunter-Lab	59.7197, -1.6615, -55.4900

# Details

The Android color `4283409917` is a light color, and the websafe version is hex `3399FF`. The color can be described as light washed azure. A complement of this color would be `4294813519`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4287749375`, and `4278219460` is the 20% darker color. If you saturate the color by 10%, you get `4281768189`, and if you desaturate by 10%, it is `4285051645`.

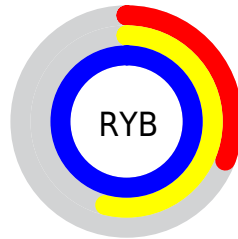
# Distribution



Red (31%)

Green (65%)

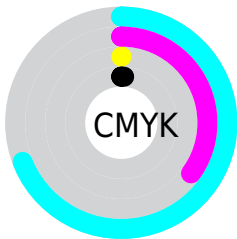
Blue (99%)



Red (31%)

Yellow (54%)

Blue (99%)

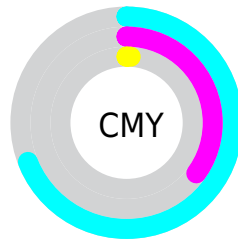


Cyan (69%)

Magenta (35%)

Yellow (0%)

Black (1%)



Cyan (69%)

Magenta (35%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283409917 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 4283409917 by changing the saturation by 10% instead.





4283409917



4283409917

4294967295



4280519648



4287749375



4278219460



4289788159



4278213288



4291821567



4278207373



4293853183



4278201715



4278196826



4278191938



4278190891



4278190357

■ 4283409917

■ 4283409917

■ 4281768189

■ 4285051645

■ 4280060925

■ 4286758909

■ 4278419453

■ 4288400381

■ 4278222333

■ 4290042109

■ 4291749373

■ 4293391101

4294967293

# Harmonies

## Analogous

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



4278235634



4283409917



4289238255

# Triad

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



4283409917



4294213491



4283151732

# Complementary

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



4283409917



4294813519

# 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.



4287212879



4283409917



4292775760

# Square

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



4283409917



4294277536



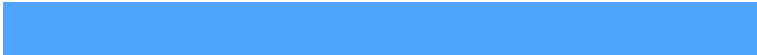
4290355265



4278237347

# Rectangle

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



4283409917



4291725530



4290355265

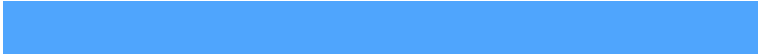


4284724070

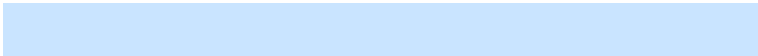


# Sweetspot

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



4283409917



4291421439



4283432358



4284510080



4278190080



4286611584



# Same Dimension

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



4283409917



4281046271



4283387901



4285757824



4278214591



4278198336



# Inverse Universe

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



4294791077



4294912916



4294835535



4286608249



4290707551

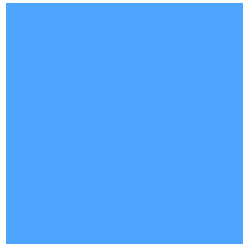


4282384416



# Previews

## White Background



This preview shows how the Android color 4283409917 looks on a white background.

## Color Contrast Check

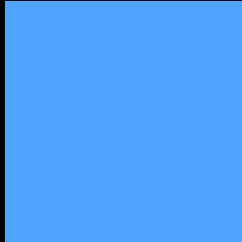
Large Text (above 18pt) WCAG AA × Fail

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 4283409917 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

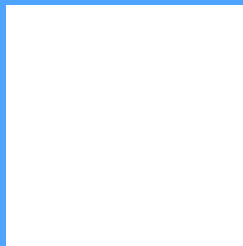
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283409917 Background



This preview shows how black text looks on a background with the Android color 4283409917.



This preview shows how white text looks on a background with the Android color 4283409917.

# 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](#).

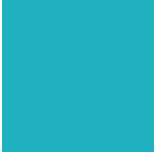
## Dichromacy



**Original Color**  
4283409917

**Protanopia**  
4286619126

**Deuteranopia**  
4285243646



**Tritanopia**  
4280332736

# Trichromacy



**Original Color**  
4283409917

**Protanomaly**  
4285440249

**Deuteranomaly**  
4284588798

**Tritanomaly**  
4281445846

# Monochromacy



**Original Color**  
4283409917

**Achromatopsia**  
4287993237

**Achromatomaly**  
4286356411

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283409917 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(79, 165, 253)` looks like.

```
.text, #text, p{  
    color:rgb(79, 165, 253)  
}
```

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(79, 165, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 165, 253) }
```

## Border

The CSS property to change the border of an element to Android 4283409917 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(79, 165, 253) }
```

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

```
.border{ border-color:rgb(79, 165, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 165, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 165, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 165, 253);  
box-shadow:4px 4px 4px 4px rgb(79, 165,  
253) }
```

# Background

The CSS property to change the background color of an element to Android 4283409917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 165, 253) }
```

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

```
.background{ background-color: rgb(79, 165,  
253) }
```

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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