

# Converting Colors

Android(4284340989)

Have a look what the booklet for  
Android(4284340989) contains.

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# **Color**

**Android(4284340989)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DDAFD
RGB	93, 218, 253
RGB Percent	36%, 85%, 99%
CMY	0.6353, 0.1451, 0.0078
CMYK	0.63, 0.14, 0.00, 0.01
HSL	193°, 98%, 68%
HSV	193°, 63%, 99%
XYZ	47.3152, 59.5618, 101.9313
YIQ	184.6150, -85.7350, -15.6150

# Conversions

## Conversions Part 2

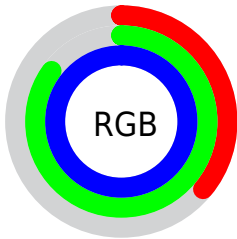
Format	Color
R <sub>Y</sub> B	93, 163, 253
Decimal	6150909
CIE Lab	81.60, -24.42, -27.37
CIE LCh	82, 36.682, 228.268
Yxy	59.5618, 0.2266, 0.2852
Android (android.graphics.Color)	4284340989 (0xFF5DDAFD)
YUV	184.6150, 33.7138, -80.3464
Hunter-Lab	77.1763, -25.6238, -24.2844

# Details

The Android color `4284340989` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light muted cyan. A complement of this color would be `4294803549`, and the grayscale version is `4290295992`.

A 20% lighter version of the original color is `4288544767`, and `4278232004` is the 20% darker color. If you saturate the color by 10%, you get `4282701053`, and if you desaturate by 10%, it is `4285980925`.

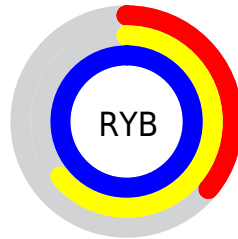
# Distribution



Red (36%)

Green (85%)

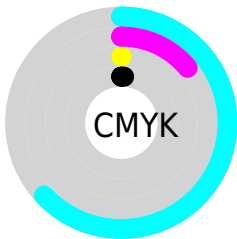
Blue (99%)



Red (36%)

Yellow (64%)

Blue (99%)

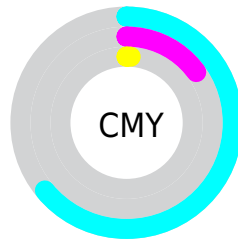


Cyan (63%)

Magenta (14%)

Yellow (0%)

Black (1%)



Cyan (64%)

Magenta (15%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284340989 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 4284340989 by changing the saturation by 10% instead.



 4284340989

 4284340989

4294967295

 4281843424

 4288544767

 4278232004

 4290576383

 4278225065

 4292607999

 4278218638

 4294639615

 4278212213

 4278206300

 4278200388

 4278193710

 4278190361

■ 4284340989

■ 4284340989

■ 4282701053

■ 4285980925

■ 4280995837

■ 4287686141

■ 4279355901

■ 4289326077

■ 4278241021

■ 4290965757

■ 4292671229

■ 4294310909

4294967293

# Harmonies

## Analogous

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



4284210911



4284340989



4287156991

# Triad

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



4284340989



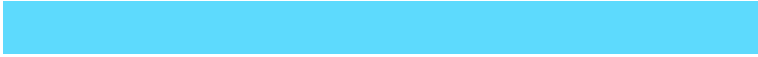
4294947546



4291678089

# Complementary

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



4284340989



4294803549

# 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.



4293903496



4284340989



4294947511

# Square

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



4284340989



4293508089



4294949273



4289124508

# Rectangle

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



4284340989



4289448959



4294949273



4292463750

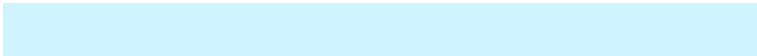


# Sweetspot

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



4284340989



4291818751



4284349824



4284643712



4278190080



4286611584



# Same Dimension

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



4284340989



4282242559



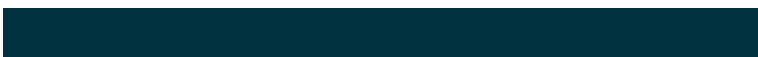
4284320509



4285758848



4278228415



4278202944



# Inverse Universe

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



4294794714



4294917589



4294824029



4286608253



4290707605

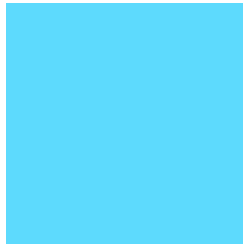


4282384434



# Previews

## White Background



This preview shows how the Android color 4284340989 looks on a white background.

## Color Contrast Check

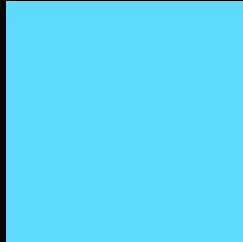
Large Text (above 18pt) WCAG AA × Fail

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 4284340989 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 4284340989 Background



This preview shows how black text looks on a background with the Android color 4284340989.



This preview shows how white text looks on a background with the Android color 4284340989.

# 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





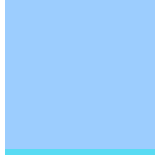
# Trichromacy



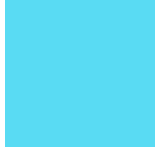
**Original Color**  
4284340989



**Protanomaly**  
4288532469



**Deuteranomaly**  
4288466430

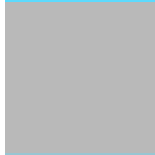


**Tritanomaly**  
4284079091

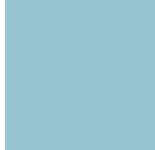
# Monochromacy



**Original Color**  
4284340989



**Achromatopsia**  
4290361785



**Achromatomaly**  
4288202194

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284340989 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(93, 218, 253)` looks like.

```
.text, #text, p{  
    color:rgb(93, 218, 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(93, 218, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 218, 253) }
```

## Border

The CSS property to change the border of an element to Android 4284340989 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(93, 218, 253) }
```

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

```
.border{ border-color:rgb(93, 218, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 218, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 218, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 218, 253);  
box-shadow:4px 4px 4px 4px rgb(93, 218,  
253) }
```

# Background

The CSS property to change the background color of an element to Android 4284340989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 218, 253) }
```

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

```
.background{ background-color: rgb(93, 218,  
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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