

# Converting Colors

Android(4279674607)

Have a look what the booklet for  
Android(4279674607) contains.

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# **Color**

**Android(4279674607)**

# Conversions

## Conversions Part 1

Format	Color
Hex	16A6EF
RGB	22, 166, 239
RGB Percent	9%, 65%, 94%
CMY	0.9137, 0.3490, 0.0627
CMYK	0.91, 0.31, 0.00, 0.06
HSL	200°, 87%, 51%
HSV	200°, 91%, 94%
XYZ	29.5471, 33.6750, 86.6040
YIQ	131.2660, -109.2570, -7.8250

# Conversions

## Conversions Part 2

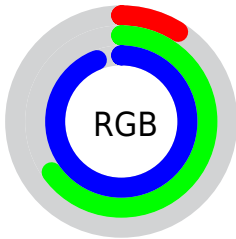
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	22, 109, 239
Decimal	1484527
CIE Lab	64.70, -9.15, -46.16
CIE LCh	65, 47.060, 258.788
Yxy	33.6750, 0.1972, 0.2248
Android (android.graphics.Color)	4279674607 (0xFF16A6EF)
YUV	131.2660, 53.1129, -95.8263
Hunter-Lab	58.0302, -10.6664, -47.8630

# Details

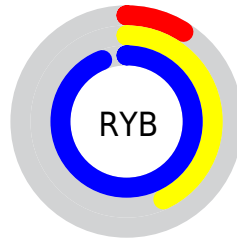
The Android color `4279674607` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle washed azure. A complement of this color would be `4293877526`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4285652479`, and `4278219447` is the 20% darker color. If you saturate the color by 10%, you get `4278231023`, and if you desaturate by 10%, it is `4281249519`.

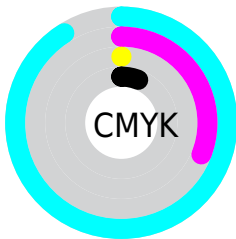
# Distribution



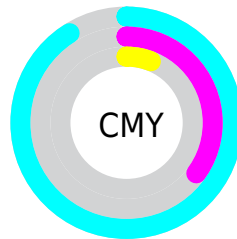
- Red (9%)
- Green (65%)
- Blue (94%)



- Red (9%)
- Yellow (43%)
- Blue (94%)



- Cyan (91%)
- Magenta (31%)
- Yellow (0%)
- Black (6%)



- Cyan (91%)
- Magenta (35%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279674607 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 4279674607 by changing the saturation by 10% instead.



 4279674607

 4279674607

4294967295

 4278226130

 4285652479


 4278219447

 4287822335

 4278213275

 4289921023

 4278207361

 4291952639

 4278201703

 4293984255

 4278196815

 4278191415

 4278190625

 4278190086

■ 4279674607

■ 4279674607

■ 4278231023

■ 4281249519

■ 4282824431

■ 4284399343

■ 4285974255

■ 4287483631

■ 4289058543

■ 4290633455

■ 4292208367

■ 4293783279

# Harmonies

## Analogous

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



4278235099



4279674607



4287076589

# Triad

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



4279674607



4293688196



4285246564

# Complementary

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



4279674607



4293877526

# 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.



4288455498



4279674607



4292904543

# Square

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



4279674607



4293098415



4291073353



4279873931

# Rectangle

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



4279674607



4289826271



4291073353



4286425689

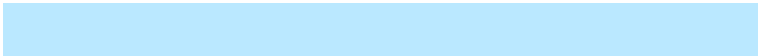


# Sweetspot

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



4279674607



4290439423



4279693150



4283921024



4278190080



4286611584

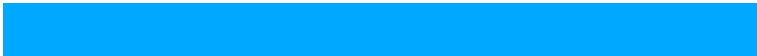


# Same Dimension

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



4279674607



4278233599



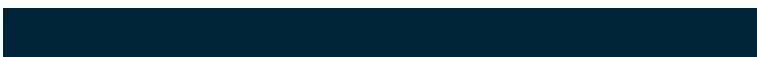
4279646959



4285297784



4278221496



4278199608



# Inverse Universe

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



4293858982



4294901929



4293905174



4286082164



4290248826

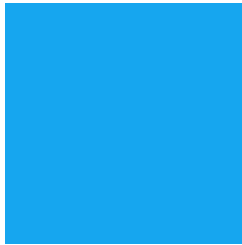


4281860133



# Previews

## White Background



This preview shows how the Android color 4279674607 looks on a white background.

## Color Contrast Check

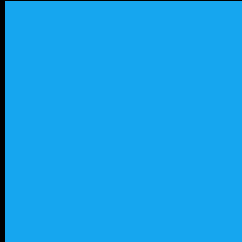
Large Text (above 18pt) WCAG AA × Fail

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 4279674607 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

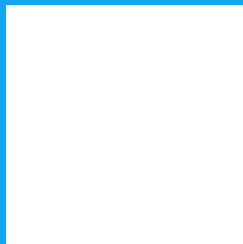
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279674607 Background



This preview shows how black text looks on a background with the Android color 4279674607.



This preview shows how white text looks on a background with the Android color 4279674607.

# 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**

4279674607



**Protanomaly**

4284194536



**Deuteranomaly**

4283408624



**Tritanomaly**

4278758093

# Monochromacy



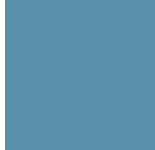
**Original Color**

4279674607



**Achromatopsia**

4286808963



**Achromatomaly**

4284190890

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279674607 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(22, 166, 239)` looks like.

```
.text, #text, p{  
    color:rgb(22, 166, 239)  
}
```

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(22, 166, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 166, 239) }
```

## Border

The CSS property to change the border of an element to Android 4279674607 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(22, 166, 239) }
```

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

```
.border{ border-color:rgb(22, 166, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 166, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 166, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 166, 239);  
box-shadow:4px 4px 4px 4px rgb(22, 166,  
239) }
```

# Background

The CSS property to change the background color of an element to Android 4279674607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 166, 239) }
```

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

```
.background{ background-color: rgb(22, 166,  
239) }
```

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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