

# Converting Colors

Android(4286369774)

Have a look what the booklet for  
Android(4286369774) contains.

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# **Color**

**Android(4286369774)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CCFEE
RGB	124, 207, 238
RGB Percent	49%, 81%, 93%
CMY	0.5137, 0.1882, 0.0667
CMYK	0.48, 0.13, 0.00, 0.07
HSL	196°, 77%, 71%
HSV	196°, 48%, 93%
XYZ	46.0576, 55.0838, 89.0937
YIQ	185.7170, -59.4190, -7.9550

# Conversions

## Conversions Part 2

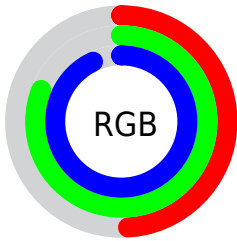
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 172, 238
Decimal	8179694
CIELab	79.09, -17.14, -23.12
CIElCh	79, 28.779, 233.444
Yxy	55.0838, 0.2421, 0.2896
Android (android.graphics.Color)	4286369774 (0xFF7CCFEE)
YUV	185.7170, 25.7755, -54.1258
Hunter-Lab	74.2184, -19.1108, -19.2203

# Details

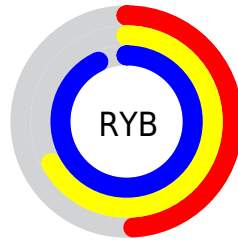
The Android color `4286369774` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4293827452`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4290183167`, and `4282423734` is the 20% darker color. If you saturate the color by 10%, you get `4284795374`, and if you desaturate by 10%, it is `4287944174`.

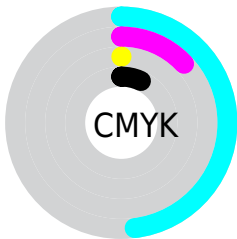
# Distribution



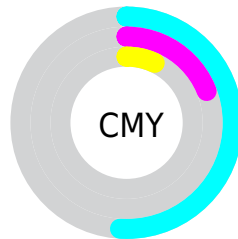
- Red (49%)
- Green (81%)
- Blue (93%)



- Red (49%)
- Yellow (67%)
- Blue (93%)



- Cyan (48%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (51%)
- Magenta (19%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286369774 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 4286369774 by changing the saturation by 10% instead.





4286369774



4286369774

4294967295



4284462034



4290183167



4282423734



4292083711



4279926683



4294049791



4278216065



4278209896



4278203984



4278198585



4278190627



4278190090

■ 4286369774

■ 4286369774

■ 4284795374

■ 4287944174

■ 4283220718

■ 4289518830

■ 4281711854

■ 4291027694

■ 4280137198

■ 4292602350

■ 4278562798

■ 4294176750

■ 4278234606

■ 4294964974

■ 4294966510

■ 4294967278

# Harmonies

## Analogous

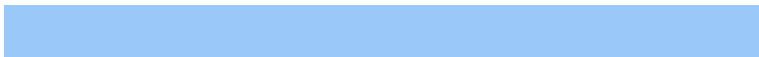
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4285912024



4286369774



4288334072

# Triad

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



4286369774



4294291915



4290890130

# Complementary

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



4286369774



4293827452

# 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.



4292722831



4286369774



4294619568

# Square

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



4286369774



4292982500



4294031258



4288925603

# Rectangle

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



4286369774



4290036472



4294031258



4291544720

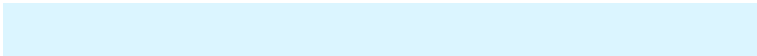


# Sweetspot

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



4286369774



4292605439



4286377626



4285168256



4278190080



4286611584

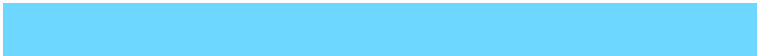


# Same Dimension

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



4286369774



4285454335



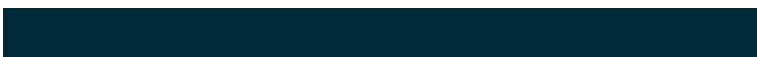
4286355438



4285298040



4278224568



4278200632



# Inverse Universe

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



4293819599



4294930135



4293841788



4286082165



4290248838

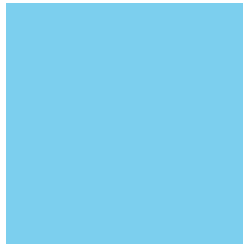


4281860137



# Previews

## White Background



This preview shows how the Android color 4286369774 looks on a white background.

## Color Contrast Check

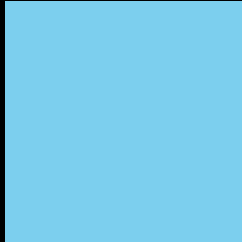
Large Text (above 18pt) WCAG AA × Fail

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 4286369774 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 4286369774 Background



This preview shows how black text looks on a background with the Android color 4286369774.

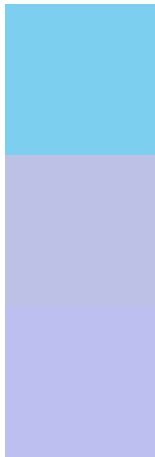


This preview shows how white text looks on a background with the Android color 4286369774.

# 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](#).

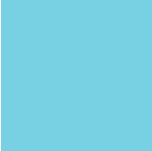
## Dichromacy



**Original Color**  
4286369774

**Protanopia**  
4290560485

**Deuteranopia**  
4290691057



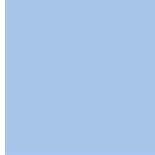
**Tritanopia**  
4286108130

# Trichromacy



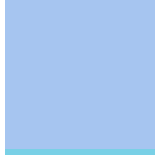
**Original Color**

4286369774



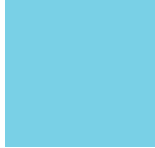
**Protanomaly**

4289054440



**Deuteranomaly**

4289119728



**Tritanomaly**

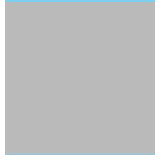
4286173414

# Monochromacy



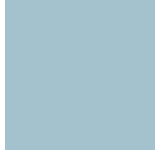
**Original Color**

4286369774



**Achromatopsia**

4290427578



**Achromatomaly**

4288922317

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286369774 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(124, 207, 238)` looks like.

```
.text, #text, p{  
    color:rgb(124, 207, 238)  
}
```

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(124, 207, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 207, 238) }
```

## Border

The CSS property to change the border of an element to Android 4286369774 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(124, 207, 238) }
```

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

```
.border{ border-color:rgb(124, 207, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 207, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 207, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 207, 238);  
box-shadow:4px 4px 4px 4px rgb(124, 207,  
238) }
```

# Background

The CSS property to change the background color of an element to Android 4286369774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 207, 238) }
```

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

```
.background{ background-color: rgb(124,  
207, 238) }
```

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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