

# Converting Colors

Android(4285977073)

Have a look what the booklet for  
Android(4285977073) contains.

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# **Color**

**Android(4285977073)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76D1F1
RGB	118, 209, 241
RGB Percent	46%, 82%, 95%
CMY	0.5373, 0.1804, 0.0549
CMYK	0.51, 0.13, 0.00, 0.05
HSL	196°, 81%, 70%
HSV	196°, 51%, 95%
XYZ	46.1489, 55.8034, 91.5579
YIQ	185.4390, -64.5080, -9.3400

# Conversions

## Conversions Part 2

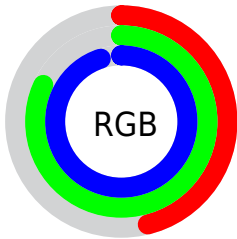
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	118, 170, 241
Decimal	7786993
CIE Lab	79.50, -18.66, -24.12
CIE LCh	80, 30.491, 232.270
Yxy	55.8034, 0.2385, 0.2884
Android (android.graphics.Color)	4285977073 (0xFF76D1F1)
YUV	185.4390, 27.3916, -59.1440
Hunter-Lab	74.7016, -20.4549, -20.3775

# Details

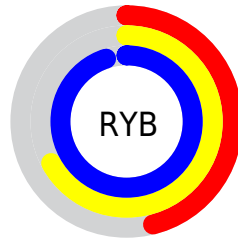
The Android color `4285977073` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4294022774`, and the grayscale version is `4290361785`.

A 20% lighter version of the original color is `4289855487`, and `4281834169` is the 20% darker color. If you saturate the color by 10%, you get `4284402673`, and if you desaturate by 10%, it is `4287551473`.

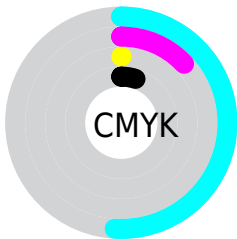
# Distribution



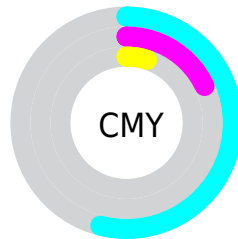
- Red (46%)
- Green (82%)
- Blue (95%)



- Red (46%)
- Yellow (67%)
- Blue (95%)



- Cyan (51%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)



- Cyan (54%)
- Magenta (18%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285977073 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 4285977073 by changing the saturation by 10% instead.





4285977073



4285977073

4294967295



4284003797



4289855487



4281834169



4291756031



4278288542



4293722111



4278216580



4278210410



4278204498



4278199099



4278190629



4278190350

 4285977073

 4285977073

 4284402673

 4287551473

 4282828017

 4289126129

 4281253617

 4290700529

 4279679217

 4292274929

 4278235889

 4293849329

 4294965233

 4294966769

 4294967281

# Harmonies

## Analogous

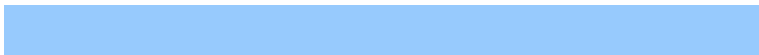
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4285519321



4285977073



4288137981

# Triad

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



4285977073



4294488526



4291021456

# Complementary

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



4285977073



4294022774

# 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.



4292919693



4285977073



4294947249

# Square

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



4285977073



4293048296



4294293401



4288926113

# Rectangle

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



4285977073



4289905916



4294293401



4291741581



# Sweetspot

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



4285977073



4292474367



4285985173



4285102720



4278190080



4286611584



# Same Dimension

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



4285977073



4284733439



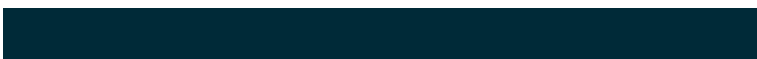
4285961713



4285298040



4278225080



4278200888



# Inverse Universe

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



4294014673



4294927319



4294038134



4286082165



4290248840

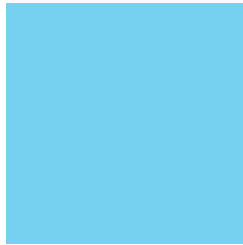


4281860138



# Previews

## White Background



This preview shows how the Android color 4285977073 looks on a white background.

## Color Contrast Check

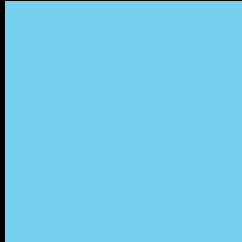
Large Text (above 18pt) WCAG AA × Fail

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 4285977073 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 4285977073 Background



This preview shows how black text looks on a background with the Android color 4285977073.



This preview shows how white text looks on a background with the Android color 4285977073.

# 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

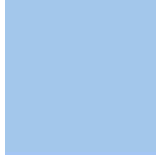




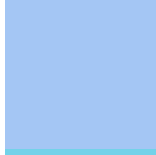
# Trichromacy



**Original Color**  
4285977073



**Protanomaly**  
4288923627



**Deuteranomaly**  
4288988916

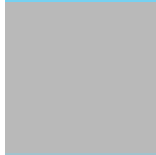


**Tritanomaly**  
4285780713

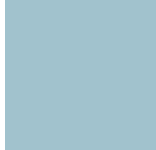
# Monochromacy



**Original Color**  
4285977073



**Achromatopsia**  
4290361785



**Achromatomaly**  
4288791245

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285977073 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(118, 209, 241)` looks like.

```
.text, #text, p{  
    color:rgb(118, 209, 241)  
}
```

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(118, 209, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 209, 241) }
```

## Border

The CSS property to change the border of an element to Android 4285977073 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(118, 209, 241) }
```

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

```
.border{ border-color:rgb(118, 209, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 209, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 209, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 209, 241); box-shadow:4px 4px 4px 4px rgb(118, 209, 241) }
```

# Background

The CSS property to change the background color of an element to Android 4285977073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 209, 241) }
```

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

```
.background{ background-color: rgb(118,  
209, 241) }
```

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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