

# Converting Colors

Android(4285970930)

Have a look what the booklet for  
Android(4285970930) contains.

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# **Color**

**Android(4285970930)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76B9F2
RGB	118, 185, 242
RGB Percent	46%, 73%, 95%
CMY	0.5373, 0.2745, 0.0510
CMYK	0.51, 0.24, 0.00, 0.05
HSL	208°, 83%, 71%
HSV	208°, 51%, 95%
XYZ	40.8472, 44.9603, 90.5297
YIQ	171.4650, -58.2290, 3.5230

# Conversions

## Conversions Part 2

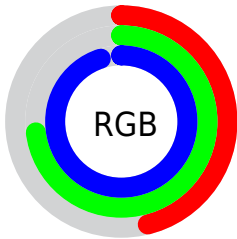
Format	Color
R <sub>Y</sub> B	118, 161, 242
Decimal	7780850
CIE Lab	72.87, -5.72, -34.85
CIE LCh	73, 35.314, 260.677
Yxy	44.9603, 0.2316, 0.2550
Android (android.graphics.Color)	4285970930 (0xFF76B9F2)
YUV	171.4650, 34.7738, -46.8888
Hunter-Lab	67.0524, -8.6026, -33.1127

# Details

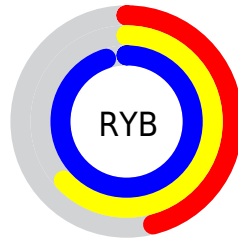
The Android color `4285970930` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4294094710`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4289786367`, and `4281959610` is the 20% darker color. If you saturate the color by 10%, you get `4284395250`, and if you desaturate by 10%, it is `4287546610`.

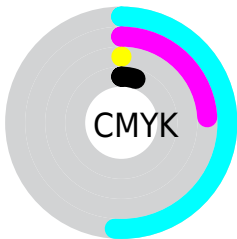
# Distribution



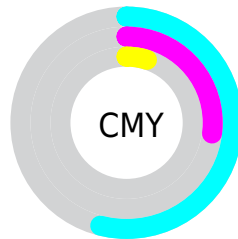
- Red (46%)
- Green (73%)
- Blue (95%)



- Red (46%)
- Yellow (63%)
- Blue (95%)



- Cyan (51%)
- Magenta (24%)
- Yellow (0%)
- Black (5%)



- Cyan (54%)
- Magenta (27%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285970930 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 4285970930 by changing the saturation by 10% instead.



 4285970930


 4285970930

4294967295

 4283997909

 4289786367

 4281959610

 4291756031

 4278872991

 4293656575

 4278211460

 4278205547

 4278200146

 4278194747

 4278190629

 4278190349

■ 4285970930

■ 4285970930

■ 4284395250

■ 4287546610

■ 4282819570

■ 4289122290

■ 4281178354

■ 4290763506

■ 4279602674

■ 4292339186

■ 4278223858

■ 4293915122

■ 4294966514

■ 4294967282

# Harmonies

## Analogous

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



4282958308



4285970930



4289310447

# Triad

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



4285970930



4294155166



4287479945

# Complementary

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



4285970930



4294094710

# 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.



4289902710



4285970930



4293501570

# Square

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



4285970930



4293630910



4291997043



4284859559

# Rectangle

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



4285970930



4291208932



4291997043



4288331137

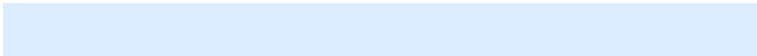


# Sweetspot

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



4285970930



4292472319



4285985454



4285101440



4278190080



4286611584



# Same Dimension

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



4285970930



4284725247



4285955314



4285297272



4278215608



4278197816



# Inverse Universe

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



4294080185



4294927287



4294110326



4286082162



4290248803

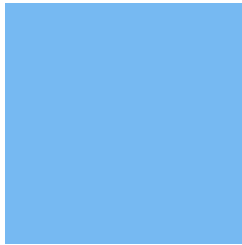


4281860126



# Previews

## White Background



This preview shows how the Android color 4285970930 looks on a white background.

## Color Contrast Check

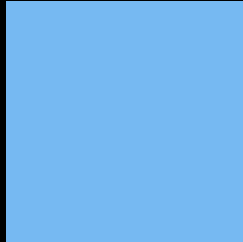
Large Text (above 18pt) WCAG AA × Fail

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 4285970930 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 4285970930 Background



This preview shows how black text looks on a background with the Android color 4285970930.



This preview shows how white text looks on a background with the Android color 4285970930.

# Color Blindness Simulation

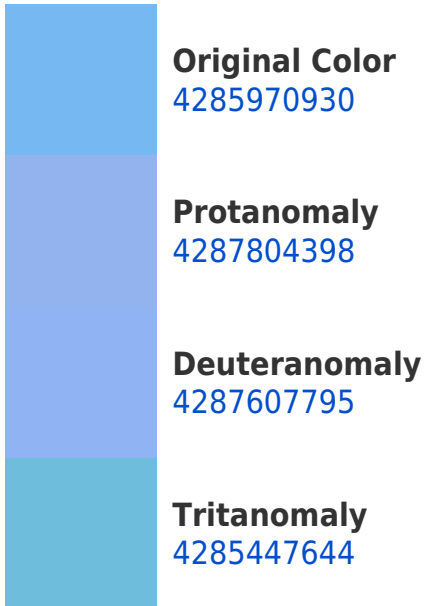
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285970930 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, 185, 242)` looks like.

```
.text, #text, p{  
    color:rgb(118, 185, 242)  
}
```

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, 185, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 185, 242) }
```

## Border

The CSS property to change the border of an element to Android 4285970930 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, 185, 242) }
```

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

```
.border{ border-color:rgb(118, 185, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 185, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 185, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 185, 242);  
box-shadow:4px 4px 4px 4px rgb(118, 185,  
242) }
```

# Background

The CSS property to change the background color of an element to Android 4285970930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 185, 242) }
```

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

```
.background{ background-color: rgb(118,  
185, 242) }
```

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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