

# Converting Colors

Android(4285256174)

Have a look what the booklet for  
Android(4285256174) contains.

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# **Color**

**Android(4285256174)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BD1EE
RGB	107, 209, 238
RGB Percent	42%, 82%, 93%
CMY	0.5804, 0.1804, 0.0667
CMYK	0.55, 0.12, 0.00, 0.07
HSL	193°, 79%, 68%
HSV	193°, 55%, 93%
XYZ	44.2965, 54.8998, 89.1510
YIQ	181.8080, -70.1010, -12.6050

# Conversions

## Conversions Part 2

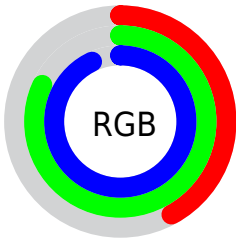
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	107, 164, 238
Decimal	7066094
CIE Lab	78.98, -21.76, -23.34
CIE LCh	79, 31.907, 227.013
Yxy	54.8998, 0.2352, 0.2915
Android (android.graphics.Color)	4285256174 (0xFF6BD1EE)
YUV	181.8080, 27.7027, -65.6066
Hunter-Lab	74.0944, -22.9510, -19.4721

# Details

The Android color `4285256174` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4293822571`, and the grayscale version is `4290164406`.

A 20% lighter version of the original color is `4289200127`, and `4280654518` is the 20% darker color. If you saturate the color by 10%, you get `4283682030`, and if you desaturate by 10%, it is `4286830318`.

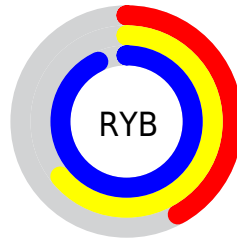
# Distribution



Red (42%)

Green (82%)

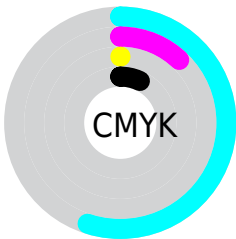
Blue (93%)



Red (42%)

Yellow (64%)

Blue (93%)

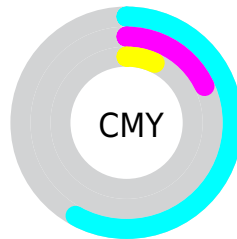


Cyan (55%)

Magenta (12%)

Yellow (0%)

Black (7%)



Cyan (58%)

Magenta (18%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285256174 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 4285256174 by changing the saturation by 10% instead.



 4285256174

 4285256174

4294967295

 4283151826

 4289200127

 4280654518

 4291166207

 4278223003

 4293132287

 4278216577

 4278210408

 4278204496

 4278198841

 4278190627

 4278190091

■ 4285256174

■ 4285256174

■ 4283682030

■ 4286830318

■ 4282107630

■ 4288404718

■ 4280599022

■ 4289913326

■ 4279024878

■ 4291487470

■ 4278237678

■ 4293061614

■ 4294636014

■ 4294964974

■ 4294966254

■ 4294967278

# Harmonies

## Analogous

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



4285191380



4285256174



4287351549

# Triad

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



4285256174



4294356946



4291282826

# Complementary

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



4285256174



4293822571

# 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.



4293180810



4285256174



4294946484

# Square

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



4285256174



4292720364



4294554777



4289122202

# Rectangle

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



4285256174



4289250558



4294554777



4292002952

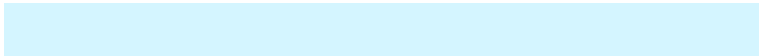


# Sweetspot

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



4285256174



4292146687



4285263495



4284906112



4278190080



4286611584



# Same Dimension

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



4285256174



4283947775



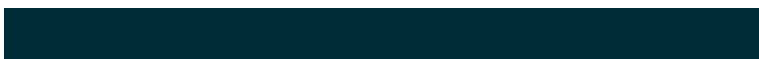
4285239534



4285298040



4278226872



4278201400



# Inverse Universe

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



4293815249



4294924250



4293839211



4286082165



4290248847

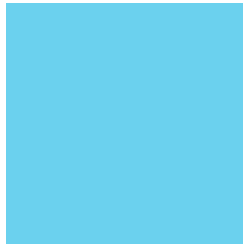


4281860140



# Previews

## White Background



This preview shows how the Android color 4285256174 looks on a white background.

## Color Contrast Check

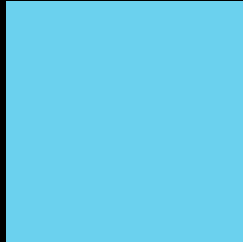
Large Text (above 18pt) WCAG AA × Fail

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 4285256174 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 4285256174 Background



This preview shows how black text looks on a background with the Android color 4285256174.




This preview shows how white text looks on a background with the Android color 4285256174.

# 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



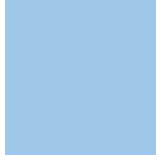


**Tritanopia**  
4284994532

# Trichromacy



**Original Color**  
4285256174



**Protanomaly**  
4288661479



**Deuteranomaly**  
4288660977

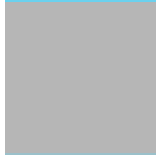


**Tritanomaly**  
4285059816

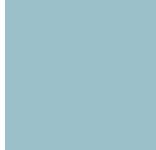
# Monochromacy



**Original Color**  
4285256174



**Achromatopsia**  
4290164406



**Achromatomaly**  
4288397514

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285256174 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(107, 209, 238)` looks like.

```
.text, #text, p{  
    color:rgb(107, 209, 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(107, 209, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 209, 238) }
```

## Border

The CSS property to change the border of an element to Android 4285256174 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(107, 209, 238) }
```

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

```
.border{ border-color:rgb(107, 209, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 209, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 209, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 209, 238); box-shadow:4px 4px 4px 4px rgb(107, 209, 238) }
```

# Background

The CSS property to change the background color of an element to Android 4285256174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 209, 238) }
```

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

```
.background{ background-color: rgb(107,  
209, 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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