

# Converting Colors

Android(4285975261)

Have a look what the booklet for  
Android(4285975261) contains.

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# **Color**

**Android(4285975261)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76CADD
RGB	118, 202, 221
RGB Percent	46%, 79%, 87%
CMY	0.5373, 0.2078, 0.1333
CMYK	0.47, 0.09, 0.00, 0.13
HSL	191°, 60%, 66%
HSV	191°, 47%, 87%
XYZ	41.6429, 51.3131, 76.1162
YIQ	179.0500, -56.1630, -11.8990

# Conversions

## Conversions Part 2

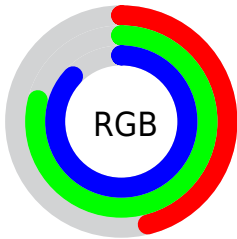
Format	Color
<a href="#">RYB</a>	<a href="#">118, 164, 221</a>
Decimal	<a href="#">7785181</a>
CIELab	<a href="#">76.87, -20.54, -17.38</a>
CIELCh	<a href="#">77, 26.908, 220.245</a>
Yxy	<a href="#">51.3131, 0.2463, 0.3035</a>
Android (android.graphics.Color)	<a href="#">4285975261 (0xFF76CADD)</a>
YUV	<a href="#">179.0500, 20.6813, -53.5409</a>
Hunter-Lab	<a href="#">71.6331, -21.5896, -12.8574</a>

# Details

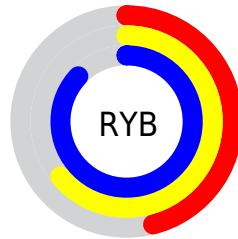
The Android color `4285975261` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4292708726`, and the grayscale version is `4289967027`.

A 20% lighter version of the original color is `4289724415`, and `4282094758` is the 20% darker color. If you saturate the color by 10%, you get `4284532445`, and if you desaturate by 10%, it is `4287418077`.

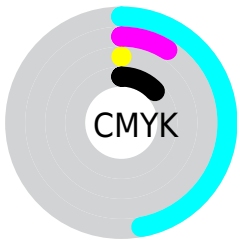
# Distribution



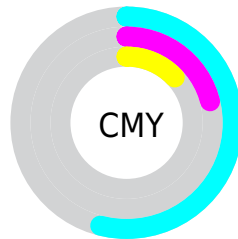
- Red (46%)
- Green (79%)
- Blue (87%)



- Red (46%)
- Yellow (64%)
- Blue (87%)



- Cyan (47%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (54%)
- Magenta (21%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285975261 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 4285975261 by changing the saturation by 10% instead.



 4285975261

 4285975261

4294967295

 4284067777

 4289724415

 4282094758

 4291624959

 4279597708

 4293591039

 4278215026

 4278208857

 4278202946

 4278197804

 4278190360

 4278190080

■ 4285975261

■ 4285975261

■ 4284532445

■ 4287418077

■ 4283089629

■ 4288860893

■ 4281646813

■ 4290303709

■ 4280203997

■ 4291746525

■ 4278761181

■ 4293254877

■ 4278236381

■ 4294697693

■ 4294961117

■ 4294962141

■ 4294963165

# Harmonies

## Analogous

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



4286237894



4285975261



4287284716

# Triad

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



4285975261



4293242575



4291280781

# Complementary

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



4285975261



4292708726

# 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.



4292851599



4285975261



4293962934

# Square

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



4285975261



4291605732



4293767071



4289513111

# Rectangle

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



4285975261



4288725231



4293767071



4291869836

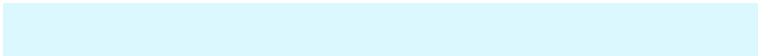


# Sweetspot

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



4285975261



4292606207



4285980041



4285168768



4278190080



4286611584



# Same Dimension

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



4285975261



4285588991



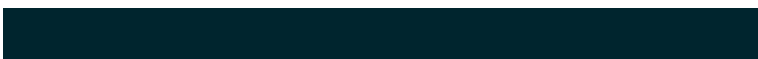
4285962205



4284705902



4278226349



4278199598



# Inverse Universe

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



4292703946



4294930661



4292721782



4285424492



4289527949

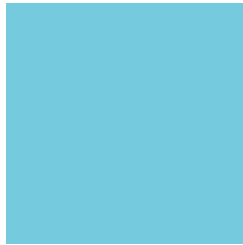


4281204773



# Previews

## White Background



This preview shows how the Android color 4285975261 looks on a white background.

## Color Contrast Check

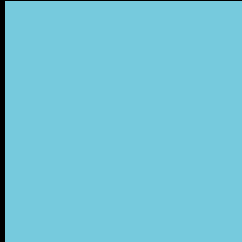
Large Text (above 18pt) WCAG AA × Fail

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 4285975261 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 4285975261 Background



This preview shows how black text looks on a background with the Android color 4285975261.



This preview shows how white text looks on a background with the Android color 4285975261.

# 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





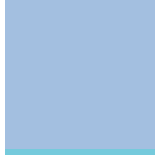
# Trichromacy



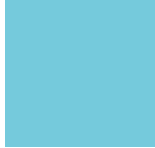
**Original Color**  
4285975261



**Protanomaly**  
4288790743



**Deuteranomaly**  
4288921568

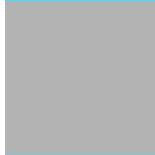


**Tritanomaly**  
4285909724

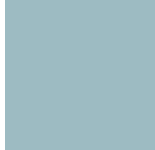
# Monochromacy



**Original Color**  
4285975261



**Achromatopsia**  
4289967027



**Achromatomaly**  
4288527298

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285975261 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, 202, 221)` looks like.

```
.text, #text, p{  
    color:rgb(118, 202, 221)  
}
```

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, 202, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 202, 221) }
```

## Border

The CSS property to change the border of an element to Android 4285975261 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, 202, 221) }
```

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

```
.border{ border-color:rgb(118, 202, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 202, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 202, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 202, 221);  
box-shadow:4px 4px 4px 4px rgb(118, 202,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4285975261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 202, 221) }
```

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

```
.background{ background-color: rgb(118,  
202, 221) }
```

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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