

# Converting Colors

Android(4285050037)

Have a look what the booklet for  
Android(4285050037) contains.

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# **Color**

**Android(4285050037)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68ACB5
RGB	104, 172, 181
RGB Percent	41%, 67%, 71%
CMY	0.5922, 0.3255, 0.2902
CMYK	0.43, 0.05, 0.00, 0.29
HSL	187°, 34%, 56%
HSV	187°, 43%, 71%
XYZ	28.8019, 35.7843, 49.1051
YIQ	152.6940, -43.4170, -11.6170

# Conversions

## Conversions Part 2

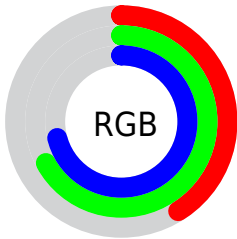
Format	Color
<a href="#">RYB</a>	<a href="#">104, 140, 181</a>
Decimal	<a href="#">6859957</a>
CIELab	<a href="#">66.35, -19.14, -11.38</a>
CIELCh	<a href="#">66, 22.268, 210.743</a>
Yxy	<a href="#">35.7843, 0.2533, 0.3147</a>
Android (android.graphics.Color)	<a href="#">4285050037 (0xFF68ACB5)</a>
YUV	<a href="#">152.6940, 13.9549, -42.7046</a>
Hunter-Lab	<a href="#">59.8200, -18.7414, -6.7961</a>

# Details

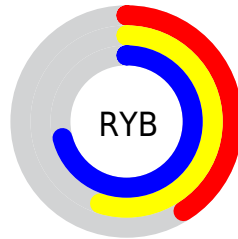
The Android color `4285050037` is a light color, and the websafe version is hex `669999`. A complement of this color would be `4290081128`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4288668909`, and `4281432192` is the 20% darker color. If you saturate the color by 10%, you get `4283869877`, and if you desaturate by 10%, it is `4286230197`.

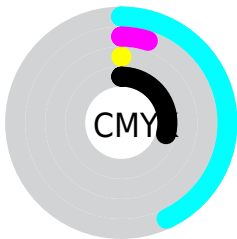
# Distribution



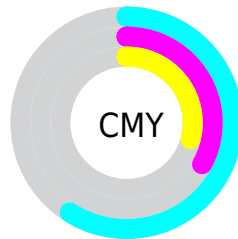
- Red (41%)
- Green (67%)
- Blue (71%)



- Red (41%)
- Yellow (55%)
- Blue (71%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)
- Black (29%)



- Cyan (59%)
- Magenta (33%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285050037 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 4285050037 by changing the saturation by 10% instead.





4285050037



4285050037

4294967295



4283273626



4288668909



4281432192



4290510847



4279132007



4292411391



4278208335



4294311935



4278202424



4278197539



4278190092



4278190080



4285050037



4285050037

■ 4283869877

■ 4286230197

■ 4282689717

■ 4287410357

■ 4281509557

■ 4288590517

■ 4280329397

■ 4289770677

■ 4279083445

■ 4291016629

■ 4278231221

■ 4292196789

■ 4293376949

■ 4294557109

■ 4294950837

# Harmonies

## Analogous

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



4285574561



4285050037



4285704644

# Triad

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



4285050037



4290549429



4289765497

# Complementary

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



4285050037



4290081128

# 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.



4290878079



4285050037



4291335074

# Square

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



4285050037



4289043652



4291466382



4288325247

# Rectangle

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



4285050037



4286686664



4291466382



4290158202



# Sweetspot

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



4285050037



4291618795



4285052273



4284707701



4294309365



4285887861



# Same Dimension

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



4285050037



4285783531



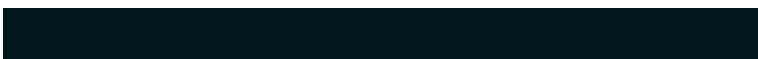
4285040309



4283455577



4278224793



4278195994



# Inverse Universe

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



4290078892



4293620701



4290090856



4284043352



4288217223

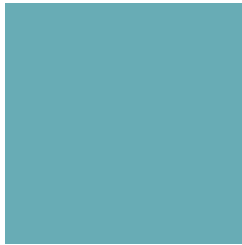


4279894039



# Previews

## White Background



This preview shows how the Android color 4285050037 looks on a white background.

## Color Contrast Check

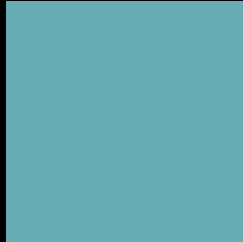
Large Text (above 18pt) WCAG AA × Fail

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 4285050037 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 4285050037 Background



This preview shows how black text looks on a background with the Android color 4285050037.

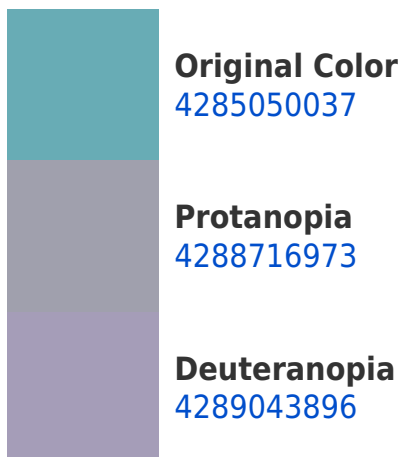


This preview shows how white text looks on a background with the Android color 4285050037.

# 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



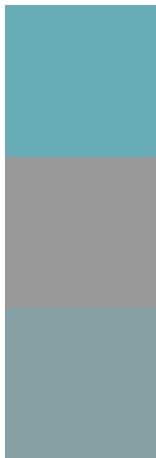
**Original Color**  
4285050037

**Protanomaly**  
4287407280

**Deuteranomaly**  
4287603383

**Tritanomaly**  
4285115320

# Monochromacy



**Original Color**  
4285050037

**Achromatopsia**  
4288256409

**Achromatomaly**  
4287078563

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285050037 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(104, 172, 181)` looks like.

```
.text, #text, p{  
    color:rgb(104, 172, 181)  
}
```

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(104, 172, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 172, 181) }
```

## Border

The CSS property to change the border of an element to Android 4285050037 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(104, 172, 181) }
```

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

```
.border{ border-color:rgb(104, 172, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 172, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 172, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 172, 181);  
box-shadow:4px 4px 4px 4px rgb(104, 172,  
181) }
```

# Background

The CSS property to change the background color of an element to Android 4285050037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 172, 181) }
```

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

```
.background{ background-color: rgb(104,  
172, 181) }
```

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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