

# Converting Colors

Android(4281840621)

Have a look what the booklet for  
Android(4281840621) contains.

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# **Color**

**Android(4281840621)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	37B3ED
RGB	55, 179, 237
RGB Percent	22%, 70%, 93%
CMY	0.7843, 0.2980, 0.0706
CMYK	0.77, 0.24, 0.00, 0.07
HSL	199°, 83%, 57%
HSV	199°, 77%, 93%
XYZ	32.9817, 39.1668, 85.9424
YIQ	148.5360, -92.5220, -8.2500

# Conversions

## Conversions Part 2

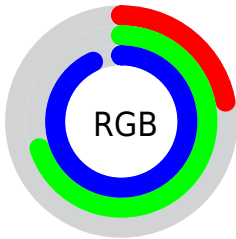
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	55, 129, 237
Decimal	3650541
CIE Lab	68.87, -14.47, -38.50
CIE LCh	69, 41.131, 249.402
Yxy	39.1668, 0.2086, 0.2477
Android (android.graphics.Color)	4281840621 (0xFF37B3ED)
YUV	148.5360, 43.6128, -82.0311
Hunter-Lab	62.5834, -15.4508, -37.6113

# Details

The Android color `4281840621` is a light color, and the websafe version is hex `0099CC`. The color can be described as light washed azure. A complement of this color would be `4293751095`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4286573567`, and `4278222517` is the 20% darker color. If you saturate the color by 10%, you get `4280265709`, and if you desaturate by 10%, it is `4283415533`.

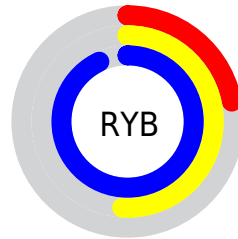
# Distribution



Red (22%)

Green (70%)

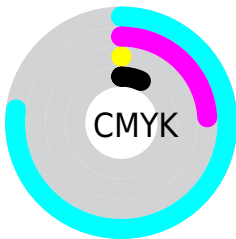
Blue (93%)



Red (22%)

Yellow (51%)

Blue (93%)

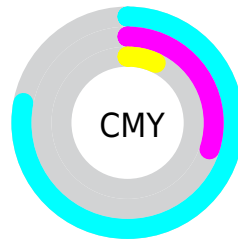


Cyan (77%)

Magenta (24%)

Yellow (0%)

Black (7%)



Cyan (78%)

Magenta (30%)

















Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281840621 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 4281840621 by changing the saturation by 10% instead.



 4281840621	 4281840621
4294967295	 4278229201
 4286573567	 4278222517
 4288675839	 4278216090
 4290707455	 4278209920
 4292739071	 4278204262
 4294770687	 4278198862
	 4278191415
	 4278190625
	 4278190085

■ 4281840621

■ 4281840621

■ 4280265709

■ 4283415533

■ 4278756589

■ 4284924653

■ 4278231533

■ 4286499565

■ 4288074221

■ 4289649133

■ 4291158253

■ 4292733165

■ 4294307821

■ 4294965229

# Harmonies

## Analogous

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



4278237910



4281840621



4286884081

# Triad

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



4281840621



4293954206



4287411309

# Complementary

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



4281840621



4293751095

# 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.



4290030173



4281840621



4293628283

# Square

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



4281840621



4292906691



4292189539



4284267149

# Rectangle

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



4281840621



4289437673



4292189539



4288328038

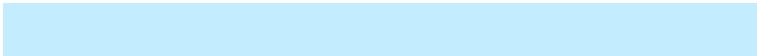


# Sweetspot

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



4281840621



4291095807



4281855345



4284249216



4278190080



4286611584



# Same Dimension

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



4281840621



4279547135



4281817325



4285166197



4278221749



4278199350



# Inverse Universe

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



4293736371



4294907060



4293774391



4285885042



4290052219



4281729060



# Previews

## White Background



This preview shows how the Android color 4281840621 looks on a white background.

## Color Contrast Check

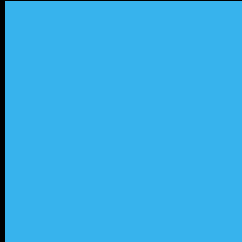
Large Text (above 18pt) WCAG AA × Fail

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 4281840621 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

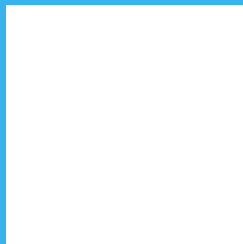
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281840621 Background



This preview shows how black text looks on a background with the Android color 4281840621.



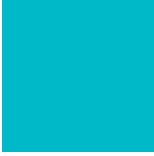
This preview shows how white text looks on a background with the Android color 4281840621.

# 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





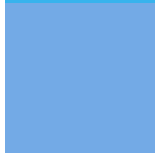
**Tritanopia**  
4278237640

# Trichromacy



**Original Color**

4281840621



**Protanomaly**

4285770470



**Deuteranomaly**

4285311727



**Tritanomaly**

4279547861

# Monochromacy



**Original Color**

4281840621



**Achromatopsia**

4287993237



**Achromatomaly**

4285767861

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281840621 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(55, 179, 237)` looks like.

```
.text, #text, p{  
    color:rgb(55, 179, 237)  
}
```

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(55, 179, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 179, 237) }
```

## Border

The CSS property to change the border of an element to Android 4281840621 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(55, 179, 237) }
```

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

```
.border{ border-color:rgb(55, 179, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 179, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 179, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 179, 237);  
box-shadow:4px 4px 4px 4px rgb(55, 179,  
237) }
```

# Background

The CSS property to change the background color of an element to Android 4281840621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 179, 237) }
```

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

```
.background{ background-color: rgb(55, 179,  
237) }
```

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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