

# Converting Colors

Android(4281706215)

Have a look what the booklet for  
Android(4281706215) contains.

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# **Color**

**Android(4281706215)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35A6E7
RGB	53, 166, 231
RGB Percent	21%, 65%, 91%
CMY	0.7922, 0.3490, 0.0941
CMYK	0.77, 0.28, 0.00, 0.09
HSL	202°, 79%, 56%
HSV	202°, 77%, 91%
XYZ	29.5282, 33.7988, 80.5688
YIQ	139.6230, -88.2130, -3.7410

# Conversions

## Conversions Part 2

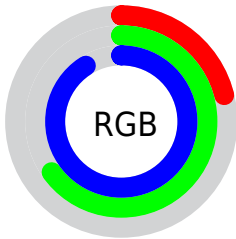
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 122, 231
Decimal	3516135
CIELab	64.80, -9.65, -41.58
CIELCh	65, 42.687, 256.937
Yxy	33.7988, 0.2052, 0.2349
Android (android.graphics.Color)	4281706215 (0xFF35A6E7)
YUV	139.6230, 45.0489, -75.9684
Hunter-Lab	58.1368, -11.0775, -41.4713

# Details

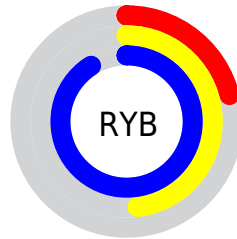
The Android color `4281706215` is a light color, and the websafe version is hex `3399CC`. The color can be described as light washed azure. A complement of this color would be `4293359157`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4286373375`, and `4278219439` is the 20% darker color. If you saturate the color by 10%, you get `4280196839`, and if you desaturate by 10%, it is `4283215591`.

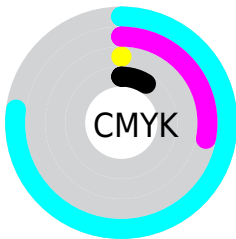
# Distribution



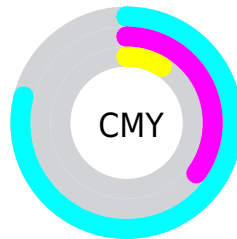
- Red (21%)
- Green (65%)
- Blue (91%)



- Red (21%)
- Yellow (48%)
- Blue (91%)



- Cyan (77%)
- Magenta (28%)
- Yellow (0%)
- Black (9%)




















- Cyan (79%)
- Magenta (35%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281706215 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 4281706215 by changing the saturation by 10% instead.



 4281706215	 4281706215
 4294967295	 4278226123
 4286373375	 4278219439
 4288477695	 4278213268
 4290510847	 4278207354
 4292476927	 4278201697
 4294508543	 4278196553
	 4278191154
	 4278190364
	 4278190080

■ 4281706215

■ 4281706215

■ 4280196839

■ 4283215591

■ 4278687207

■ 4284725223

■ 4278227943

■ 4286234599

■ 4287744231

■ 4289319143

■ 4290828775

■ 4292338151

■ 4293847527

■ 4294963943

# Harmonies

## Analogous

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



4278234836



4281706215



4287011558

# Triad

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



4281706215



4293296009



4285836135

# Complementary

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



4281706215



4293359157

# 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.



4288651858



4281706215



4292708455

# Square

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



4281706215



4292640944



4291007826



4282101899

# Rectangle

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



4281706215



4289499354



4291007826



4286883934

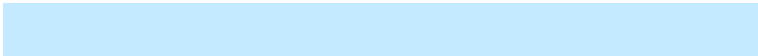


# Sweetspot

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



4281706215



4291095295



4281722739



4284248704



4278190080



4286611584



# Same Dimension

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



4281706215



4279544319



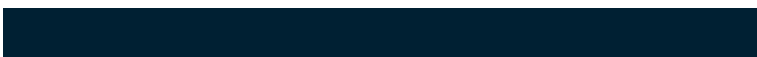
4281684199



4284968819



4278219187



4278198323



# Inverse Universe

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



4293342630



4294907049



4293381173



4285753199



4289921137

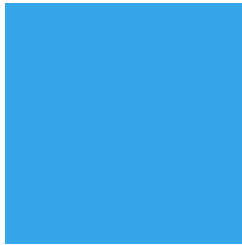


4281532448



# Previews

## White Background



This preview shows how the Android color 4281706215 looks on a white background.

## Color Contrast Check

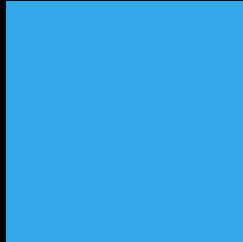
Large Text (above 18pt) WCAG AA × Fail

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 4281706215 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

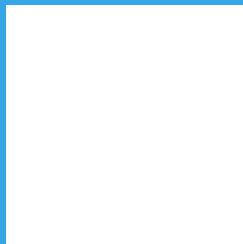
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281706215 Background



This preview shows how black text looks on a background with the Android color 4281706215.



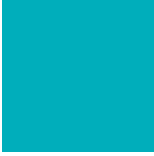
This preview shows how white text looks on a background with the Android color 4281706215.

# 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**  
4278234811

# Trichromacy



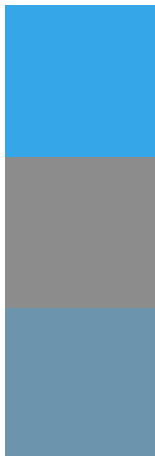
**Original Color**  
4281706215

**Protanomaly**  
4285112033

**Deuteranomaly**  
4284522473

**Tritanomaly**  
4279479243

# Monochromacy



**Original Color**  
4281706215

**Achromatopsia**  
4287401100

**Achromatomaly**  
4285306285

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281706215 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(53, 166, 231)` looks like.

```
.text, #text, p{  
    color:rgb(53, 166, 231)  
}
```

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(53, 166, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 166, 231) }
```

## Border

The CSS property to change the border of an element to Android 4281706215 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(53, 166, 231) }
```

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

```
.border{ border-color:rgb(53, 166, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 166, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 166, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 166, 231);  
box-shadow:4px 4px 4px 4px rgb(53, 166,  
231) }
```

# Background

The CSS property to change the background color of an element to Android 4281706215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 166, 231) }
```

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

```
.background{ background-color: rgb(53, 166,  
231) }
```

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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