

# Converting Colors

Android(4284145658)

Have a look what the booklet for  
Android(4284145658) contains.

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# **Color**

**Android(4284145658)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ADFFA
RGB	90, 223, 250
RGB Percent	35%, 87%, 98%
CMY	0.6471, 0.1255, 0.0196
CMYK	0.64, 0.11, 0.00, 0.02
HSL	190°, 94%, 67%
HSV	190°, 64%, 98%
XYZ	47.8594, 61.8511, 99.8585
YIQ	186.3110, -87.9350, -19.7990

# Conversions

## Conversions Part 2

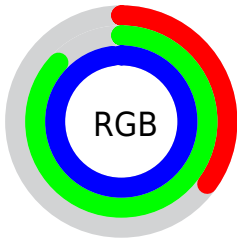
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 163, 250
Decimal	5955578
CIELab	82.83, -28.23, -23.91
CIELCh	83, 36.992, 220.268
Yxy	61.8511, 0.2284, 0.2951
Android (android.graphics.Color)	4284145658 (0xFF5ADFFA)
YUV	186.3110, 31.3987, -84.4647
Hunter-Lab	78.6455, -29.0041, -20.2304

# Details

The Android color `4284145658` is a light color, and the websafe version is hex `00CCFF`. The color can be described as light muted cyan. A complement of this color would be `4294604122`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4288413695`, and `4278233281` is the 20% darker color. If you saturate the color by 10%, you get `4282506234`, and if you desaturate by 10%, it is `4285785082`.

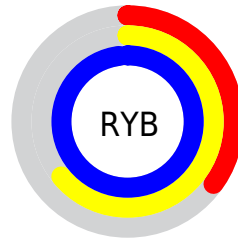
# Distribution



Red (35%)

Green (87%)

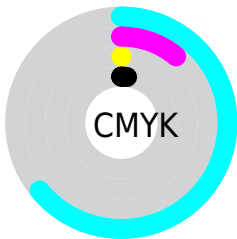
Blue (98%)



Red (35%)

Yellow (64%)

Blue (98%)

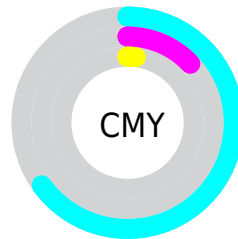


Cyan (64%)

Magenta (11%)

Yellow (0%)

Black (2%)



Cyan (65%)

Magenta (13%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284145658 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 4284145658 by changing the saturation by 10% instead.





4284145658



4284145658

4294967295



4281517021



4288413695



4278233281



4290445311



4278226342



4292476927



4278219660



4294508543



4278213234



4278207066



4278201154



4278195244



4278190359

■ 4284145658

■ 4284145658

■ 4282506234

■ 4285785082

■ 4280866810

■ 4287424506

■ 4279227130

■ 4289064186

■ 4278243578

■ 4290703610

■ 4292343034

■ 4293982458

■ 4294966778

■ 4294967290

# Harmonies

## Analogous

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



4284867033



4284145658



4286437631

# Triad

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



4284145658



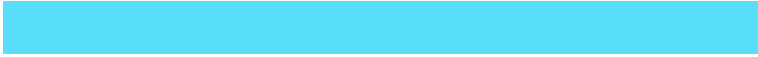
4294948839



4292530313

# Complementary

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



4284145658



4294604122

# 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.



4294624397



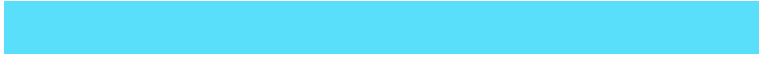
4284145658



4294948035

# Square

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



4284145658



4293050879



4294949283



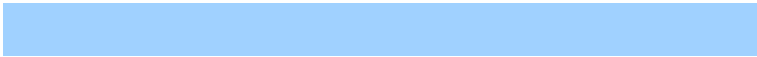
4290042264

# Rectangle

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



4284145658



4288729599



4294949283



4293315720

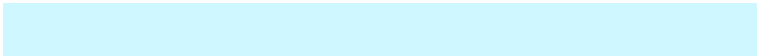


# Sweetspot

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



4284145658



4291819519



4284152437



4284644224



4278190080



4286611584



# Same Dimension

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



4284145658



4282113791



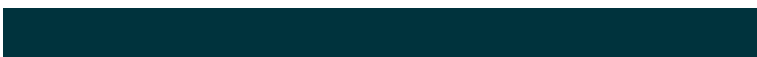
4284125178



4285561725



4278230461



4278203197



# Inverse Universe

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



4294597343



4294917086



4294624602



4286410875



4290576541

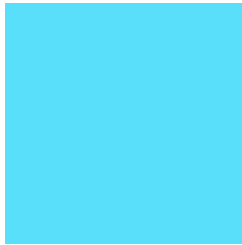


4282187827



# Previews

## White Background



This preview shows how the Android color 4284145658 looks on a white background.

## Color Contrast Check

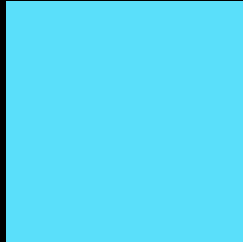
Large Text (above 18pt) WCAG AA × Fail

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 4284145658 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 4284145658 Background



This preview shows how black text looks on a background with the Android color 4284145658.



This preview shows how white text looks on a background with the Android color 4284145658.

# 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





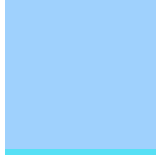
# Trichromacy



**Original Color**  
4284145658



**Protanomaly**  
4288664306



**Deuteranomaly**  
4288664061

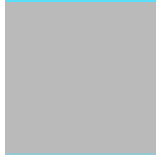


**Tritanomaly**  
4283949301

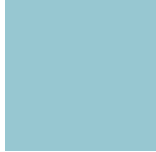
# Monochromacy



**Original Color**  
4284145658



**Achromatopsia**  
4290427578



**Achromatomaly**  
4288137169

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284145658 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(90, 223, 250)` looks like.

```
.text, #text, p{  
    color:rgb(90, 223, 250)  
}
```

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(90, 223, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 223, 250) }
```

## Border

The CSS property to change the border of an element to Android 4284145658 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(90, 223, 250) }
```

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

```
.border{ border-color:rgb(90, 223, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 223, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 223, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 223, 250);  
box-shadow:4px 4px 4px 4px rgb(90, 223,  
250) }
```

# Background

The CSS property to change the background color of an element to Android 4284145658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 223, 250) }
```

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

```
.background{ background-color: rgb(90, 223,  
250) }
```

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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