

# Converting Colors

Android(4284130559)

Have a look what the booklet for  
Android(4284130559) contains.

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# **Color**

**Android(4284130559)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AA4FF
RGB	90, 164, 255
RGB Percent	35%, 64%, 100%
CMY	0.6471, 0.3569, 0.0000
CMYK	0.65, 0.36, 0.00, 0.00
HSL	213°, 100%, 68%
HSV	213°, 65%, 100%
XYZ	35.5419, 35.9446, 99.6725
YIQ	152.2480, -73.3150, 12.6130

# Conversions

## Conversions Part 2

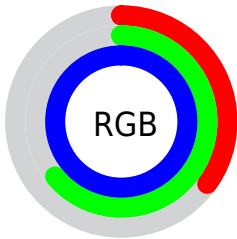
Format	Color
R <sub>Y</sub> B	90, 141, 255
Decimal	5940479
CIE Lab	66.48, 4.72, -51.99
CIE LCh	66, 52.204, 275.183
Yxy	35.9446, 0.2077, 0.2100
Android (android.graphics.Color)	4284130559 (0xFF5AA4FF)
YUV	152.2480, 50.6567, -54.5915
Hunter-Lab	59.9538, 0.8995, -56.6013

# Details

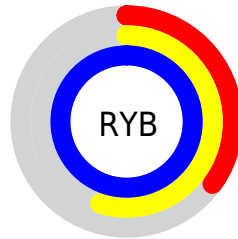
The Android color `4284130559` is a light color, and the websafe version is hex `3399FF`. The color can be described as light muted azure. A complement of this color would be `4294948186`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4288338943`, and `4278219206` is the 20% darker color. If you saturate the color by 10%, you get `4282488575`, and if you desaturate by 10%, it is `4285838079`.

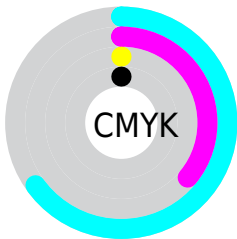
# Distribution



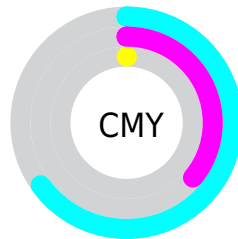
- Red (35%)
- Green (64%)
- Blue (100%)



- Red (35%)
- Yellow (55%)
- Blue (100%)



- Cyan (65%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (36%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284130559 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 4284130559 by changing the saturation by 10% instead.



 4284130559

 4284130559

4294967295

 4281633506

 4288338943

 4278219206

 4290312191

 4278213034

 4292345855

 4278207119

 4294311935

 4278201717

 4278196572

 4278191940

 4278190892

 4278190359

■ 4284130559

■ 4284130559

■ 4282488575

■ 4285838079

■ 4280781055

■ 4287480063

■ 4279139071

■ 4289187583

■ 4278219519

■ 4290829567

■ 4292537087

■ 4294179071

4294967295

# Harmonies

## Analogous

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



4278235638



4284130559



4289696495

# Triad

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



4284130559



4294213742



4282365560

# Complementary

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



4284130559



4294948186

# 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.



4286885457



4284130559



4292645196

# Square

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



4284130559



4294474139



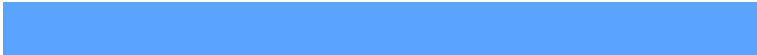
4290093632



4278237609

# Rectangle

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



4284130559



4292118232



4290093632

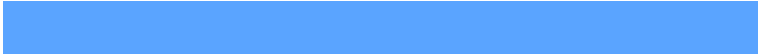


4284200042

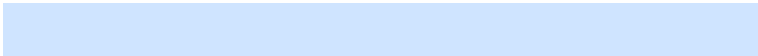


# Sweetspot

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



4284130559



4291814655



4284153781



4284641152



4278190080

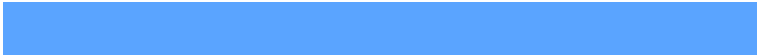


4286611584



# Same Dimension

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



4284130559



4281897471



4284635903



4285757568



4278212287



4278197568



# Inverse Universe

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



4294924964



4294916241



4294442842



4286608248



4290707542

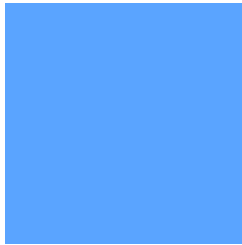


4282384413



# Previews

## White Background



This preview shows how the Android color 4284130559 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 4284130559 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

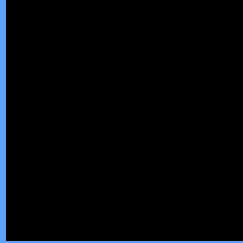
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

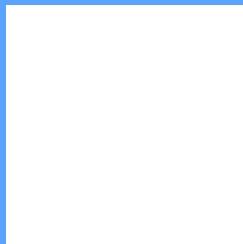
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284130559 Background



This preview shows how black text looks on a background with the Android color 4284130559.



This preview shows how white text looks on a background with the Android color 4284130559.

# 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**  
4284130559

**Protanomaly**  
4285702395

**Deuteranomaly**  
4284850943

**Tritanomaly**  
4282625238

# Monochromacy



**Original Color**  
4284130559

**Achromatopsia**  
4288190616

**Achromatomaly**  
4286684349

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284130559 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, 164, 255)` looks like.

```
.text, #text, p{  
    color:rgb(90, 164, 255)  
}
```

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, 164, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 164, 255) }
```

## Border

The CSS property to change the border of an element to Android 4284130559 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, 164, 255) }
```

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

```
.border{ border-color:rgb(90, 164, 255) }
```

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

Here you see how a box with a 4 pixel rgb(90, 164, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 164, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 164, 255);  
box-shadow:4px 4px 4px 4px rgb(90, 164,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4284130559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 164, 255) }
```

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

```
.background{ background-color: rgb(90, 164,  
255) }
```

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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