

# Converting Colors

Android(4281574399)

Have a look what the booklet for  
Android(4281574399) contains.

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# **Color**

**Android(4281574399)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33A3FF
RGB	51, 163, 255
RGB Percent	20%, 64%, 100%
CMY	0.8000, 0.3608, 0.0000
CMYK	0.80, 0.36, 0.00, 0.00
HSL	207°, 100%, 60%
HSV	207°, 80%, 100%
XYZ	32.5124, 34.1182, 99.4796
YIQ	140.0000, -96.2840, 4.8680

# Conversions

## Conversions Part 2

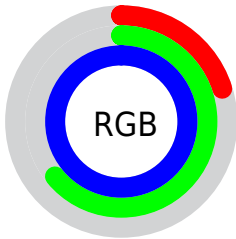
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	51, 123, 255
Decimal	3384319
CIE Lab	65.06, 0.30, -54.32
CIE LCh	65, 54.317, 270.318
Yxy	34.1182, 0.1957, 0.2054
Android (android.graphics.Color)	4281574399 (0xFF33A3FF)
YUV	140.0000, 56.6950, -78.0530
Hunter-Lab	58.4108, -2.8627, -60.0895

# Details

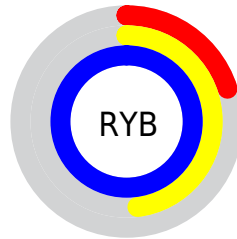
The Android color `4281574399` is a light color, and the websafe version is hex `0099FF`. The color can be described as light washed azure. A complement of this color would be `4294938419`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4286634751`, and `4278218950` is the 20% darker color. If you saturate the color by 10%, you get `4279867647`, and if you desaturate by 10%, it is `4283281407`.

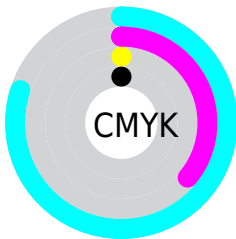
# Distribution



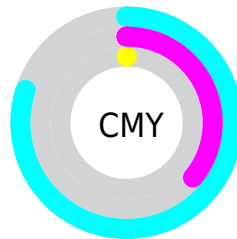
- Red (20%)
- Green (64%)
- Blue (100%)



- Red (20%)
- Yellow (48%)
- Blue (100%)



- Cyan (80%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)




- Cyan (80%)
- Magenta (36%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281574399 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 4281574399 by changing the saturation by 10% instead.



 4281574399

 4281574399

4294967295

 4278225378

 4286634751

 4278218950

 4288739071

 4278212778

 4290838527

 4278206863

 4292870143

 4278201461

4294901759

 4278196572

 4278191939

 4278190892

 4278190359

■ 4281574399

■ 4281574399

■ 4279867647

■ 4283281407

■ 4278226175

■ 4284922623

■ 4286629631

■ 4288270847

■ 4289977855

■ 4291619071

■ 4293326079

4294967295

# Harmonies

## Analogous

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



4278235122



4281574399



4288713202

# Triad

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



4281574399



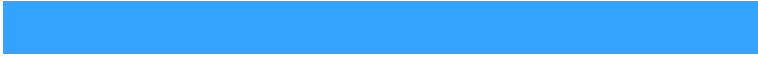
4294277488



4282692204

# Complementary

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



4281574399



4294938419

# 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.



4287080773



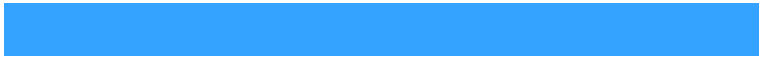
4281574399



4292839753

# Square

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



4281574399



4294275999



4290288695



4278236829

# Rectangle

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



4281574399



4291462364



4290288695



4284461149

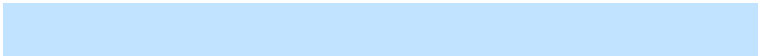


# Sweetspot

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



4281574399



4290962431



4281597839



4284182400



4278190080

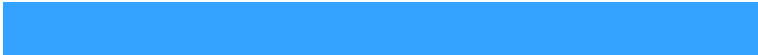


4286611584

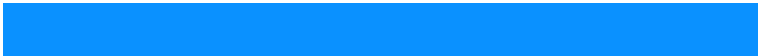


# Same Dimension

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



4281574399



4278882815



4281548287



4285758080



4278217151



4278199104



# Inverse Universe

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



4294914979



4294904465



4294964531



4286608250



4290707561



4282384419



# Previews

## White Background



This preview shows how the Android color 4281574399 looks on a white background.

## Color Contrast Check

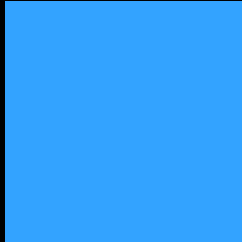
Large Text (above 18pt) WCAG AA × Fail

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 4281574399 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

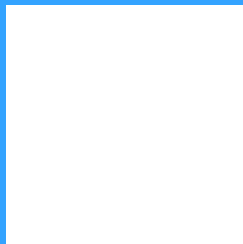
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281574399 Background



This preview shows how black text looks on a background with the Android color 4281574399.



This preview shows how white text looks on a background with the Android color 4281574399.

# 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**  
4281574399

**Protanomaly**  
4284521978

**Deuteranomaly**  
4283473919

**Tritanomaly**  
4279478996

# Monochromacy



**Original Color**  
4281574399

**Achromatopsia**  
4287401100

**Achromatomaly**  
4285306038

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281574399 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(51, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 163, 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(51, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 163, 255) }
```

## Border

The CSS property to change the border of an element to Android 4281574399 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(51, 163, 255) }
```

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

```
.border{ border-color:rgb(51, 163, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 163, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 163,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4281574399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 163, 255) }
```

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

```
.background{ background-color: rgb(51, 163,  
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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