

# Converting Colors

Android(4281579007)

Have a look what the booklet for  
Android(4281579007) contains.

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# **Color**

**Android(4281579007)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33B5FF
RGB	51, 181, 255
RGB Percent	20%, 71%, 100%
CMY	0.8000, 0.2902, 0.0000
CMYK	0.80, 0.29, 0.00, 0.00
HSL	202°, 100%, 60%
HSV	202°, 80%, 100%
XYZ	35.9391, 40.9716, 100.6219
YIQ	150.5660, -101.2340, -4.5460

# Conversions

## Conversions Part 2

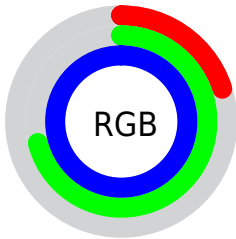
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	51, 130, 255
Decimal	3388927
CIE Lab	70.16, -9.80, -46.26
CIE LCh	70, 47.291, 258.037
Yxy	40.9716, 0.2024, 0.2308
Android (android.graphics.Color)	4281579007 (0xFF33B5FF)
YUV	150.5660, 51.4860, -87.3194
Hunter-Lab	64.0090, -11.7935, -48.3972

# Details

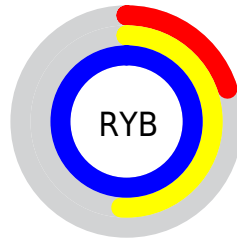
The Android color `4281579007` is a light color, and the websafe version is hex `66CCFF`. The color can be described as light washed azure. A complement of this color would be `4294933811`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4286639615`, and `4278223046` is the 20% darker color. If you saturate the color by 10%, you get `4279872767`, and if you desaturate by 10%, it is `4283285247`.

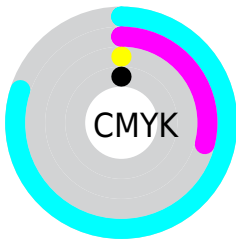
# Distribution



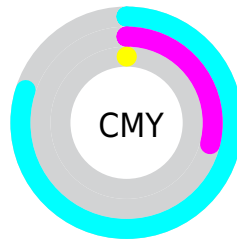
- Red (20%)
- Green (71%)
- Blue (100%)



- Red (20%)
- Yellow (51%)
- Blue (100%)



- Cyan (80%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (29%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281579007 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 4281579007 by changing the saturation by 10% instead.





4281579007



4281579007

4294967295



4278229730



4286639615



4278223046



4288806911



4278216874



4290838527



4278210703



4292935679



4278204789



4278199388



4278192452



4278190893



4278190360

■ 4281579007

■ 4281579007

■ 4279872767

■ 4283285247

■ 4278232063

■ 4284926207

■ 4286632447

■ 4288273151

■ 4289979391

■ 4291620351

■ 4293326591

4294967295

# Harmonies

## Analogous

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



4278238954



4281579007



4287932413

# Triad

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



4281579007



4294805907



4286298992

# Complementary

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



4281579007



4294933811

# 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.



4289507671



4281579007



4294087789

# Square

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



4281579007



4294150847



4292191062



4281713048

# Rectangle

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



4281579007



4290682095



4292191062



4287412326

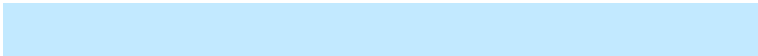


# Sweetspot

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



4281579007



4290963967



4281597818



4284183168



4278190080



4286611584

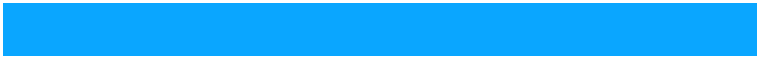


# Same Dimension

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



4281579007



4278888191



4281553663



4285758336



4278221503



4278200640



# Inverse Universe

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



4294914997



4294904486



4294959155



4286608251



4290707578

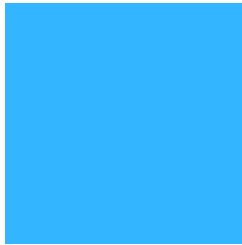


4282384425



# Previews

## White Background



This preview shows how the Android color 4281579007 looks on a white background.

## Color Contrast Check

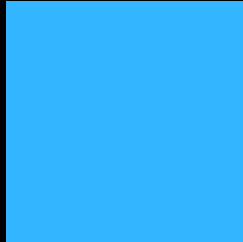
Large Text (above 18pt) WCAG AA × Fail

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 4281579007 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

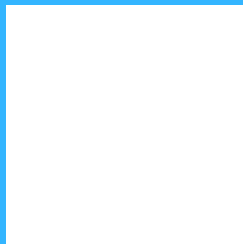
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281579007 Background



This preview shows how black text looks on a background with the Android color 4281579007.



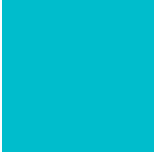
This preview shows how white text looks on a background with the Android color 4281579007.

# 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**  
4278238668

# Trichromacy



**Original Color**  
4281579007

**Protanomaly**  
4285509112

**Deuteranomaly**  
4284919551

**Tritanomaly**  
4279483103

# Monochromacy



**Original Color**  
4281579007

**Achromatopsia**  
4288124823

**Achromatomaly**  
4285768381

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281579007 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, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 181, 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, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 181, 255) }
```

## Border

The CSS property to change the border of an element to Android 4281579007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

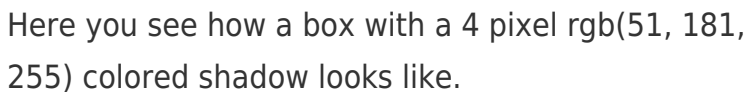
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(51, 181, 255) }
```

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

```
.border{ border-color:rgb(51, 181, 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, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 181,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4281579007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 181, 255) }
```

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

```
.background{ background-color: rgb(51, 181,  
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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