

# Converting Colors

Android(4281578751)

Have a look what the booklet for  
Android(4281578751) contains.

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# **Color**

**Android(4281578751)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33B4FF
RGB	51, 180, 255
RGB Percent	20%, 71%, 100%
CMY	0.8000, 0.2941, 0.0000
CMYK	0.80, 0.29, 0.00, 0.00
HSL	202°, 100%, 60%
HSV	202°, 80%, 100%
XYZ	35.7365, 40.5663, 100.5543
YIQ	149.9790, -100.9590, -4.0230

# Conversions

## Conversions Part 2

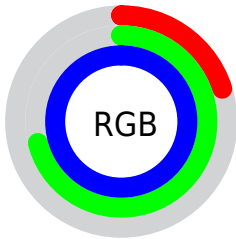
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	51, 130, 255
Decimal	3388671
CIE Lab	69.87, -9.25, -46.71
CIE LCh	70, 47.619, 258.793
Yxy	40.5663, 0.2021, 0.2294
Android (android.graphics.Color)	4281578751 (0xFF33B4FF)
YUV	149.9790, 51.7754, -86.8046
Hunter-Lab	63.6917, -11.3067, -49.0209

# Details

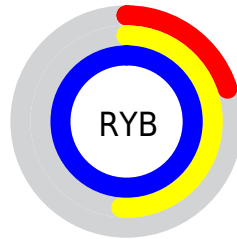
The Android color **4281578751** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **4294934067**, and the grayscale version is **4288059030**.

A 20% lighter version of the original color is **4286639359**, and **4278223046** is the 20% darker color. If you saturate the color by 10%, you get **4279872511**, and if you desaturate by 10%, it is **4283284991**.

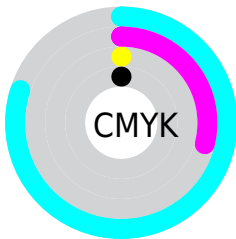
# Distribution



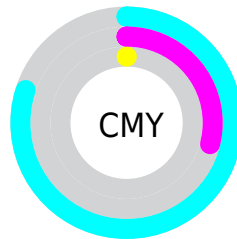
- Red (20%)
- Green (71%)
- Blue (100%)



- 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 4281578751 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 4281578751 by changing the saturation by 10% instead.



 4281578751

 4281578751

4294967295

 4278229474

 4286639359

 4278223046

 4288741375

 4278216618

 4290838527

 4278210447

 4292935679

 4278204533

 4278199388

 4278192196

 4278190893

 4278190360

■ 4281578751

■ 4281578751

■ 4279872511

■ 4283284991

■ 4278231551

■ 4284925951

■ 4286632191

■ 4288273151

■ 4289979391

■ 4291620095

■ 4293326591

4294967295

# Harmonies

## Analogous

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



4278238699



4281578751



4287997693

# Triad

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



4281578751



4294805649



4286102384

# Complementary

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



4281578751



4294934067

# 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.



4289376598



4281578751



4293956459

# Square

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



4281578751



4294150589



4292059989



4281319576

# Rectangle

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



4281578751



4290747118



4292059989



4287281253

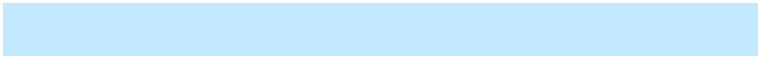


# Sweetspot

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



4281578751



4290963967



4281597822



4284183168



4278190080



4286611584



# Same Dimension

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



4281578751



4278887935



4281552639



4285758336



4278221247



4278200384



# Inverse Universe

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



4294914996



4294904485



4294960179



4286608251



4290707577



4282384424



# Previews

## White Background



This preview shows how the Android color 4281578751 looks on a white background.

## Color Contrast Check

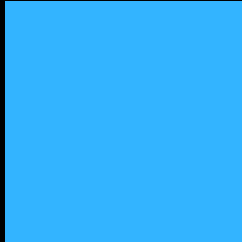
Large Text (above 18pt) WCAG AA × Fail

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 4281578751 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

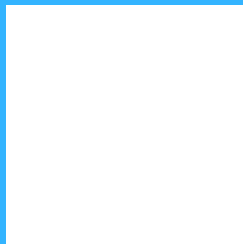
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281578751 Background



This preview shows how black text looks on a background with the Android color 4281578751.



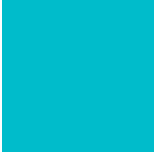
This preview shows how white text looks on a background with the Android color 4281578751.

# 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**  
4278238411

# Trichromacy



**Original Color**  
4281578751



**Protanomaly**  
4285508856



**Deuteranomaly**  
4284853759



**Tritanomaly**  
4279482846

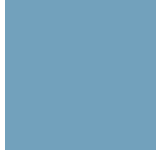
# Monochromacy



**Original Color**  
4281578751



**Achromatopsia**  
4288059030



**Achromatomaly**  
4285702588

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281578751 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, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 180, 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, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 180, 255) }
```

## Border

The CSS property to change the border of an element to Android 4281578751 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, 180, 255) }
```

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

```
.border{ border-color:rgb(51, 180, 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, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 180,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4281578751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 180, 255) }
```

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

```
.background{ background-color: rgb(51, 180,  
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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