

# Converting Colors

Android(4281435644)

Have a look what the booklet for  
Android(4281435644) contains.

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# Color

**Android(4281435644)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3185FC
RGB	49, 133, 252
RGB Percent	19%, 52%, 99%
CMY	0.8078, 0.4784, 0.0118
CMYK	0.81, 0.47, 0.00, 0.01
HSL	215°, 97%, 59%
HSV	215°, 81%, 99%
XYZ	27.2248, 24.4563, 95.3811
YIQ	121.4500, -88.2630, 19.2010

# Conversions

## Conversions Part 2

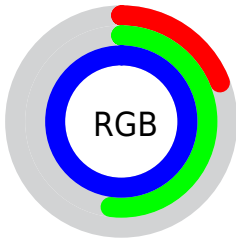
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	49, 108, 252
Decimal	3245564
CIE Lab	56.54, 16.91, -66.29
CIE LCh	57, 68.417, 284.313
Yxy	24.4563, 0.1851, 0.1663
Android (android.graphics.Color)	4281435644 (0xFF3185FC)
YUV	121.4500, 64.3612, -63.5386
Hunter-Lab	49.4533, 11.7238, -79.7359

# Details

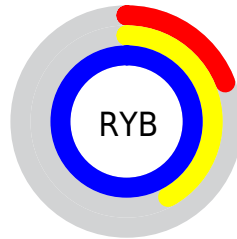
The Android color `4281435644` is a dark color, and the websafe version is hex `6699FF`. The color can be described as middle washed azure. A complement of this color would be `4294748209`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4286495231`, and `4278212035` is the 20% darker color. If you saturate the color by 10%, you get `4279793404`, and if you desaturate by 10%, it is `4283077884`.

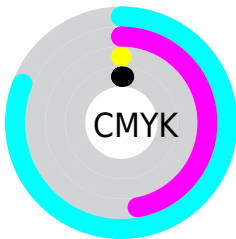
# Distribution



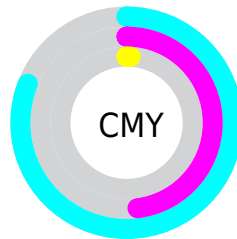
- Red (19%)
- Green (52%)
- Blue (99%)



- Red (19%)
- Yellow (42%)
- Blue (99%)



- Cyan (81%)
- Magenta (47%)
- Yellow (0%)
- Black (1%)



- Cyan (81%)
- Magenta (48%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281435644 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 4281435644 by changing the saturation by 10% instead.



 4281435644

 4281435644

4294967295

 4278217951

 4286495231

 4278212035

 4288665087

 4278206119

 4290703871

 4278200972

 4292804607

 4278196337

 4294836223

 4278192984

 4278191936

 4278190889

 4278190355

■ 4281435644

■ 4281435644

■ 4279793404

■ 4283077884

■ 4278216956

■ 4284720124

■ 4286427644

■ 4288069884

■ 4289712124

■ 4291354364

■ 4292996348

■ 4294704124

4294967292

# Harmonies

## Analogous

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



4278228987



4281435644



4289620702

# Triad

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



4281435644



4293025334



4278231397

# Complementary

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



4281435644



4294748209

# 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.



4282489384



4281435644



4290541824

# Square

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



4281435644



4294002798



4287139328



4278231971

# Rectangle

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



4281435644



4292171452



4287139328



4278230865



# Sweetspot

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



4281435644



4290960383



4281466023



4284181120



4278190080



4286611584



# Same Dimension

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



4281435644



4278742783



4282528252



4285560445



4278210237



4278196541



# Inverse Universe

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



4294717829



4294903918



4293655601



4286410870



4290576462



4282187801



# Previews

## White Background



This preview shows how the Android color 4281435644 looks on a white background.

## Color Contrast Check

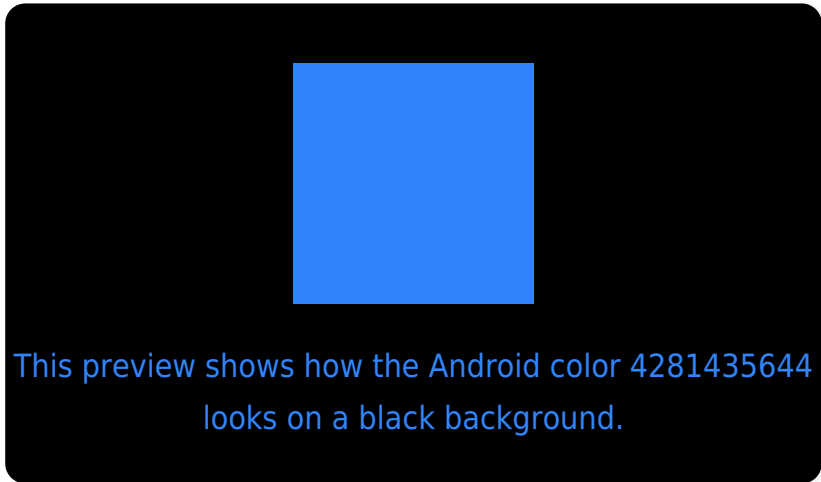
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 × Fail

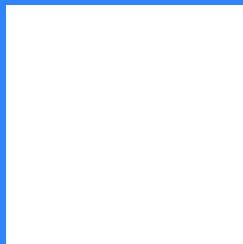
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281435644 Background



This preview shows how black text looks on a background with the Android color 4281435644.



This preview shows how white text looks on a background with the Android color 4281435644.

# 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**

4281435644

**Protanomaly**

4282418426

**Deuteranomaly**

4279404789

**Tritanomaly**

4279406785

# Monochromacy



**Original Color**

4281435644

**Achromatopsia**

4286151033

**Achromatomaly**

4284448169

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281435644 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(49, 133, 252)` looks like.

```
.text, #text, p{  
    color:rgb(49, 133, 252)  
}
```

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(49, 133, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 133, 252) }
```

## Border

The CSS property to change the border of an element to Android 4281435644 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(49, 133, 252) }
```

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

```
.border{ border-color:rgb(49, 133, 252) }
```

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

Here you see how a box with a 4 pixel rgb(49, 133, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 133, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 133, 252);  
box-shadow:4px 4px 4px 4px rgb(49, 133,  
252) }
```

# Background

The CSS property to change the background color of an element to Android 4281435644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 133, 252) }
```

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

```
.background{ background-color: rgb(49, 133,  
252) }
```

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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