

# Converting Colors

Android(4281874175)

Have a look what the booklet for  
Android(4281874175) contains.

<b>Android(4281874175)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4281874175)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3836FF
RGB	56, 54, 255
RGB Percent	22%, 21%, 100%
CMY	0.7804, 0.7882, 0.0000
CMYK	0.78, 0.79, 0.00, 0.00
HSL	241°, 100%, 61%
HSV	241°, 79%, 100%
XYZ	21.0001, 10.6991, 95.5660
YIQ	77.5120, -63.3290, 62.9350

# Conversions

## Conversions Part 2

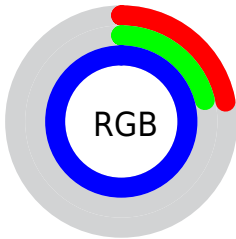
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	56, 54, 255
Decimal	3684095
CIE Lab	39.07, 64.91, -96.54
CIE LCh	39, 116.332, 303.913
Yxy	10.6991, 0.1650, 0.0841
Android (android.graphics.Color)	4281874175 (0xFF3836FF)
YUV	77.5120, 87.5016, -18.8660
Hunter-Lab	32.7095, 57.3586, -150.3288

# Details

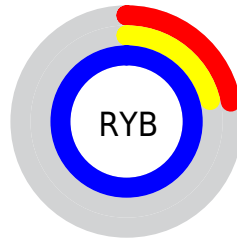
The Android color `4281874175` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark washed blue. A complement of this color would be `4294836022`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4287130111`, and `4278190277` is the 20% darker color. If you saturate the color by 10%, you get `4280229119`, and if you desaturate by 10%, it is `4283519231`.

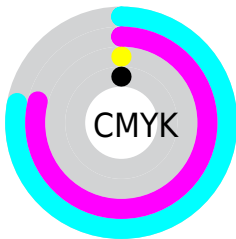
# Distribution



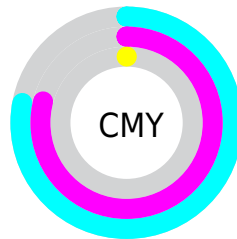
- Red (22%)
- Green (21%)
- Blue (100%)



- Red (22%)
- Yellow (21%)
- Blue (100%)



- Cyan (78%)
- Magenta (79%)
- Yellow (0%)
- Black (0%)




- Cyan (78%)
- Magenta (79%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281874175 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 4281874175 by changing the saturation by 10% instead.



 4281874175

 4281874175

4294967295

 4278197473

 4287130111

 4278190277

 4289299455

 4278190248

 4291469311

 4278190221

 4293573375

 4278192242

 4294956799

 4278193496

 4294964223

 4278191936

 4278190889

 4278190355

■ 4281874175

■ 4281874175

■ 4280229119

■ 4283519231

■ 4278584319

■ 4285164031

■ 4278386943

■ 4286874623

■ 4288519423

■ 4290164223

■ 4291809279

■ 4293519871

4294967295

# Harmonies

## Analogous

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



4278217471



4281874175



4291625138

# Triad

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



4281874175



4289669888



4278221415

# Complementary

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



4281874175



4294836022

# 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.



4278220544



4281874175



4284898816

# Square

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



4281874175



4292935680



4278218752



4278222022

# Rectangle

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



4281874175



4293656692



4278218752



4278221125



# Sweetspot

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



4281874175



4290953983



4281794559



4284177280



4278190080



4286611584



# Same Dimension

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



4281874175



4279176703



4288362239



4285756288



4278321343



4278255680



# Inverse Universe

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



4294915837



4294905341



4288413494



4286608255



4290707645

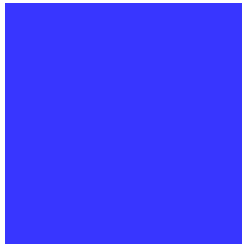


4282384447



# Previews

## White Background



This preview shows how the Android color 4281874175 looks on a white background.

## Color Contrast Check

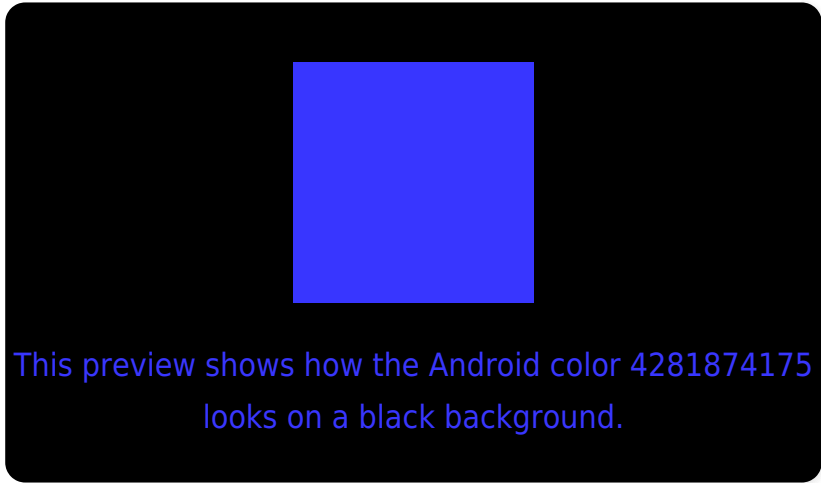
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4281874175 Background



This preview shows how black text looks on a background with the Android color 4281874175.



This preview shows how white text looks on a background with the Android color 4281874175.

# 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



**Original Color**  
4281874175

**Protanopia**  
4278212792

**Deuteranopia**  
4278214301



# Trichromacy



**Original Color**  
4281874175

**Protanomaly**  
4279520466

**Deuteranomaly**  
4279521217

**Tritanomaly**  
4279522464

# Monochromacy



**Original Color**  
4281874175

**Achromatopsia**  
4283321934

**Achromatomaly**  
4282795406

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281874175 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(56, 54, 255)` looks like.

```
.text, #text, p{  
    color:rgb(56, 54, 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(56, 54, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 54, 255) }
```

## Border

The CSS property to change the border of an element to Android 4281874175 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(56, 54, 255) }
```

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

```
.border{ border-color:rgb(56, 54, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 54, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 54, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 54, 255);  
box-shadow:4px 4px 4px 4px rgb(56, 54,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4281874175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 54, 255) }
```

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

```
.background{ background-color: rgb(56, 54,  
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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor