

Converting Colors

Android(4281349117)

Have a look what the booklet for
Android(4281349117) contains.

Android(4281349117)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4281349117)

Conversions

Conversions Part 1

Format	Color
Hex	3033FD
RGB	48, 51, 253
RGB Percent	19%, 20%, 99%
CMY	0.8118, 0.8000, 0.0078
CMYK	0.81, 0.80, 0.00, 0.01
HSL	239°, 98%, 59%
HSV	239°, 81%, 99%
XYZ	20.1324, 10.0879, 93.8146
YIQ	73.1310, -66.6300, 62.1860

Conversions

Conversions Part 2

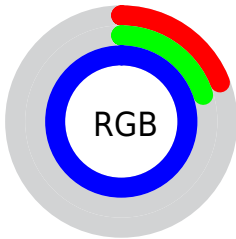
Format	Color
RYB	48, 51, 253
Decimal	3159037
CIELab	38.00, 65.29, -97.21
CIELCh	38, 117.102, 303.888
Yxy	10.0879, 0.1623, 0.0813
Android (android.graphics.Color)	4281349117 (0xFF3033FD)
YUV	73.1310, 88.6754, -22.0399
Hunter-Lab	31.7614, 57.5620, -152.8935

Details

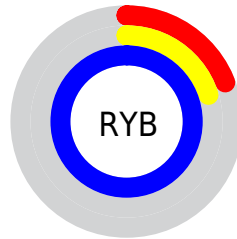
The Android color `4281349117` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark washed blue. A complement of this color would be `4294834736`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4286801663`, and `4278190275` is the 20% darker color. If you saturate the color by 10%, you get `4279704317`, and if you desaturate by 10%, it is `4282993917`.

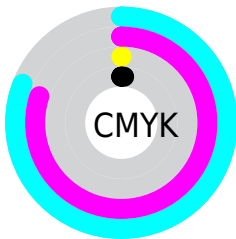
Distribution



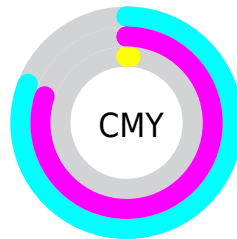
- Red (19%)
- Green (20%)
- Blue (99%)



- Red (19%)
- Yellow (20%)
- Blue (99%)



- Cyan (81%)
- Magenta (80%)
- Yellow (0%)
- Black (1%)



- Cyan (81%)
- Magenta (80%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281349117 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 4281349117 by changing the saturation by 10% instead.

 4281349117

 4281349117

4294967295

 4278196704

 4286801663

 4278190275

 4289036543

 4278190246

 4291206143

 4278190219

 4293310463

 4278192752

 4294956031

 4278193239

 4294963455

 4278191678

 4278190887

 4278190353

■ 4281349117

■ 4281349117

■ 4279704317

■ 4282993917

■ 4278191357

■ 4284704253

■ 4286349053

■ 4287993853

■ 4289704189

■ 4291348989

■ 4292993789

■ 4294638333

4294967293

Harmonies

Analogous

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



4278216959



4281349117



4291428527

Triad

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



4281349117



4289472256



4278220644

Complementary

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



4281349117



4294834736

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.



4278219776



4281349117



4284701440

Square

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



4281349117



4292739072



4278218240



4278221508

Rectangle

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



4281349117



4293460082



4278218240



4278220355

Sweetspot

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



4281349117



4290954239



4281400826



4284177280



4278190080



4286611584

Same Dimension

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



4281349117



4278717439



4287836413



4285756288



4278191039



4278190400

Inverse Universe

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



4294783027



4294903819



4288347440



4286608243



4290707459



4282384385

Previews

White Background



This preview shows how the Android color 4281349117 looks on a white background.

Color Contrast Check

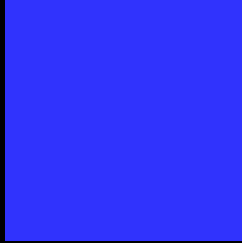
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4281349117 looks on a 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 4281349117 Background



This preview shows how black text looks on a background with the Android color 4281349117.



This preview shows how white text looks on a background with the Android color 4281349117.

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
4281349117

Protanopia
4278212019

Deuteranopia
4278213528

Trichromacy



Original Color
4281349117

Protanomaly
4279323086

Deuteranomaly
4279323837

Tritanomaly
4279325086

Monochromacy



Original Color
4281349117

Achromatopsia
4282992969

Achromatomaly
4282401162

CSS Examples

Text

The CSS property to change the color of the text to Android 4281349117 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(48, 51, 253)` looks like.

```
.text, #text, p{  
    color:rgb(48, 51, 253)  
}
```

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(48, 51, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 51, 253) }
```

Border

The CSS property to change the border of an element to Android 4281349117 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(48, 51, 253) }
```

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

```
.border{ border-color:rgb(48, 51, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 51, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 51, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 51, 253);  
box-shadow:4px 4px 4px 4px rgb(48, 51,  
253) }
```

Background

The CSS property to change the background color of an element to Android 4281349117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 51, 253) }
```

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

```
.background{ background-color: rgb(48, 51,  
253) }
```

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