

Converting Colors

Android(4281424117)

Have a look what the booklet for
Android(4281424117) contains.

Android(4281424117)	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(4281424117)

Conversions

Conversions Part 1

Format	Color
Hex	3158F5
RGB	49, 88, 245
RGB Percent	19%, 35%, 96%
CMY	0.8078, 0.6549, 0.0392
CMYK	0.80, 0.64, 0.00, 0.04
HSL	228°, 91%, 58%
HSV	228°, 80%, 96%
XYZ	21.2378, 14.2250, 88.0125
YIQ	94.2370, -73.6410, 40.5590

Conversions

Conversions Part 2

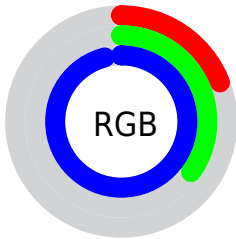
Format	Color
R _Y B	49, 82, 245
Decimal	3234037
CIE Lab	44.55, 42.40, -81.90
CIE LCh	45, 92.226, 297.370
Yxy	14.2250, 0.1720, 0.1152
Android (android.graphics.Color)	4281424117 (0xFF3158F5)
YUV	94.2370, 74.3262, -39.6728
Hunter-Lab	37.7160, 34.5097, -111.9554

Details

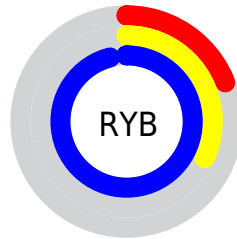
The Android color `4281424117` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark washed blue. A complement of this color would be `4294299185`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4286548735`, and `4278201275` is the 20% darker color. If you saturate the color by 10%, you get `4279780597`, and if you desaturate by 10%, it is `4283067637`.

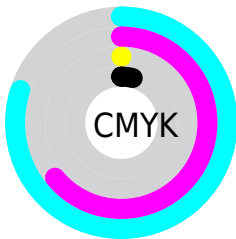
Distribution



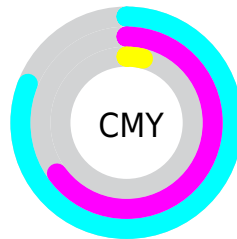
- Red (19%)
- Green (35%)
- Blue (96%)



- Red (19%)
- Yellow (32%)
- Blue (96%)



- Cyan (80%)
- Magenta (64%)
- Yellow (0%)
- Black (4%)



- Cyan (81%)
- Magenta (65%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281424117 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 4281424117 by changing the saturation by 10% instead.

 4281424117

 4281424117

4294967295

 4278206936

 4286548735

 4278201275

 4288718079

 4278196384

 4290822143

 4278192004

 4292860927

 4278191210

 4294965503

 4278192977

 4278191417

 4278190626

 4278190089

■ 4281424117

■ 4281424117

■ 4279780597

■ 4283067637

■ 4278202869

■ 4284645365

■ 4286288885

■ 4287866613

■ 4289444597

■ 4291088117

■ 4292731381

■ 4294309365

■ 4294967285

Harmonies

Analogous

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



4278220799



4281424117



4290380990

Triad

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



4281424117



4290722816



4278224480

Complementary

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



4281424117



4294299185

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.



4278223360



4281424117



4287063296

Square

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



4281424117



4293001257



4281825536



4278224815

Rectangle

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



4281424117



4292608141



4281825536



4278224197

Sweetspot

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



4281424117



4290957055



4281464270



4284179072



4278190080



4286611584

Same Dimension

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



4281424117



4278860799



4285280757



4285428090



4278199738



4278193211

Inverse Universe

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



4294259032



4294904379



4290442545



4286213745



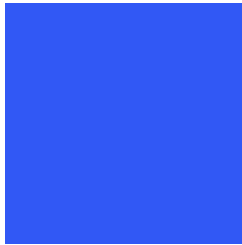
4290379813



4282056716

Previews

White Background



This preview shows how the Android color 4281424117 looks on a white background.

Color Contrast Check

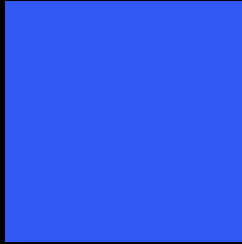
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281424117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

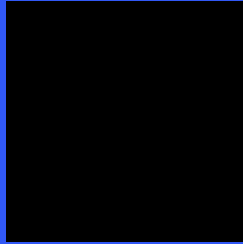
Any Text WCAG AA × Fail

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 4281424117 Background



This preview shows how black text looks on a background with the Android color 4281424117.



This preview shows how white text looks on a background with the Android color 4281424117.

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
4281424117

Protanopia
4278216149

Deuteranopia
4278217654

Trichromacy



Original Color
4281424117

Protanomaly
4279394529

Deuteranomaly
4279395533

Tritanomaly
4279397031

Monochromacy



Original Color
4281424117

Achromatopsia
4284374622

Achromatomaly
4283325589

CSS Examples

Text

The CSS property to change the color of the text to Android 4281424117 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, 88, 245)` looks like.

```
.text, #text, p{  
    color:rgb(49, 88, 245)  
}
```

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, 88, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 88, 245) }
```

Border

The CSS property to change the border of an element to Android 4281424117 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, 88, 245) }
```

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

```
.border{ border-color:rgb(49, 88, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 88, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 88, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 88, 245);  
box-shadow:4px 4px 4px 4px rgb(49, 88,  
245) }
```

Background

The CSS property to change the background color of an element to Android 4281424117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 88, 245) }
```

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

```
.background{ background-color: rgb(49, 88,  
245) }
```

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