

Converting Colors

Android(4278219003)

Have a look what the booklet for
Android(4278219003) contains.

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Color

Android(4278219003)

Conversions

Conversions Part 1

Format	Color
Hex	0070FB
RGB	0, 112, 251
RGB Percent	0%, 44%, 98%
CMY	1.0000, 0.5608, 0.0157
CMYK	1.00, 0.55, 0.00, 0.02
HSL	213°, 100%, 49%
HSV	213°, 100%, 98%
XYZ	23.2068, 18.5534, 93.6248
YIQ	94.3580, -111.3710, 19.4850

Conversions

Conversions Part 2

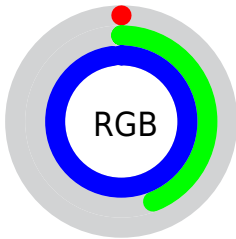
Format	Color
RYB	0, 77, 251
Decimal	28923
CIELab	50.16, 27.33, -76.11
CIELCh	50, 80.873, 289.754
Yxy	18.5534, 0.1714, 0.1370
Android (android.graphics.Color)	4278219003 (0xFF0070FB)
YUV	94.3580, 77.2245, -82.7520
Hunter-Lab	43.0736, 20.7915, -98.7212

Details

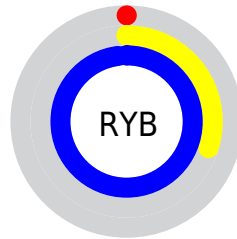
The Android color `4278219003` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark saturated azure. A complement of this color would be `4294675200`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4285572095`, and `4278207169` is the 20% darker color. If you saturate the color by 10%, you get `4278219003`, and if you desaturate by 10%, it is `4279860987`.

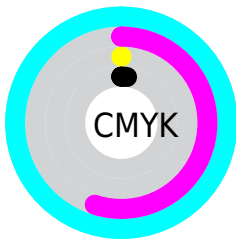
Distribution



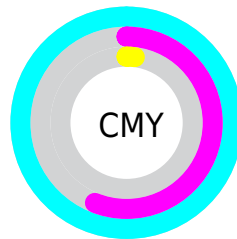
- Red (0%)
- Green (44%)
- Blue (98%)



- Red (0%)
- Yellow (30%)
- Blue (98%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (56%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278219003 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 4278219003 by changing the saturation by 10% instead.

 4278219003

 4278219003

4294967295

 4278212830

 4285572095

 4278207169

 4287807231

 4278201765

 4289976831

 4278197386

 4292081407

 4278190192

 4294180863

 4278193238

 4278191678

 4278190887

 4278190353

 4278219003

 4279860987

 4281502971

 4283144955

 4284786939

 4286494203

 4288136187

 4289778171

 4291420155

 4293062139

Harmonies

Analogous

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



4278224895



4278219003



4289677778

Triad

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



4278219003



4292036864



4278227549

Complementary

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



4278219003



4294675200

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.



4278226179



4278219003



4289031168

Square

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



4278219003



4293594702



4284908032



4278228132

Rectangle

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



4278219003



4292289705



4284908032



4278227268

Sweetspot

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



4278219003



4289975807



4278254474



4283590272



4278190080



4286611584

Same Dimension

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



4278219003



4278219519



4279042299



4285560445



4278211773



4278197053

Inverse Universe

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



4294639728



4294901874



4293851904



4286410870



4290576468



4282187803

Previews

White Background



This preview shows how the Android color 4278219003 looks on a white background.

Color Contrast Check

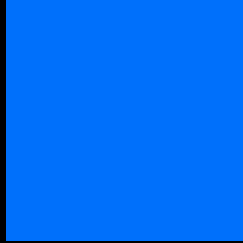
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4278219003 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

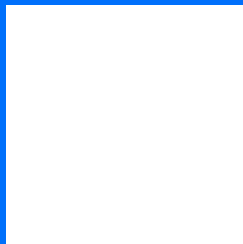
Any Text WCAG AAA × Fail

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

Android 4278219003 Background



This preview shows how black text looks on a background with the Android color 4278219003.



This preview shows how white text looks on a background with the Android color 4278219003.

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
4278219003

Protanopia
4278219507

Trichromacy



Original Color
4278219003

Protanomaly
4278219254

Monochromacy



Original Color
4278219003

Achromatopsia
4284374622

Achromatomaly
4282148247

CSS Examples

Text

The CSS property to change the color of the text to Android 4278219003 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(0, 112, 251)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 251)  
}
```

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(0, 112, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 251) }
```

Border

The CSS property to change the border of an element to Android 4278219003 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(0, 112, 251) }
```

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

```
.border{ border-color:rgb(0, 112, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 112, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 251);  
box-shadow:4px 4px 4px 4px rgb(0, 112,  
251) }
```

Background

The CSS property to change the background color of an element to Android 4278219003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 251) }
```

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

```
.background{ background-color: rgb(0, 112,  
251) }
```

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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