

# Converting Colors

Android(4278218239)

Have a look what the booklet for  
Android(4278218239) contains.

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# Color

**Android(4278218239)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006DFF
RGB	0, 109, 255
RGB Percent	0%, 43%, 100%
CMY	1.0000, 0.5725, 0.0000
CMYK	1.00, 0.57, 0.00, 0.00
HSL	214°, 100%, 50%
HSV	214°, 100%, 100%
XYZ	23.5186, 18.1573, 96.8729
YIQ	93.0530, -111.8300, 22.2980

# Conversions

## Conversions Part 2

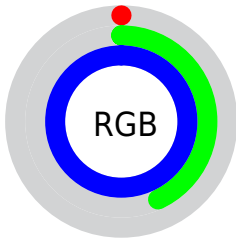
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 76, 255
Decimal	28159
CIE Lab	49.69, 30.77, -79.11
CIE LCh	50, 84.880, 291.256
Yxy	18.1573, 0.1697, 0.1311
Android (android.graphics.Color)	4278218239 (0xFF006DFF)
YUV	93.0530, 79.8399, -81.6075
Hunter-Lab	42.6114, 23.9503, -104.9622

# Details

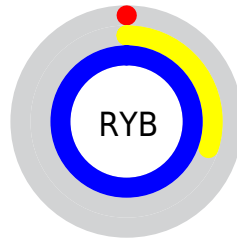
The Android color `4278218239` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark saturated azure. A complement of this color would be `4294939136`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4285636863`, and `4278206405` is the 20% darker color. If you saturate the color by 10%, you get `4278218239`, and if you desaturate by 10%, it is `4279860479`.

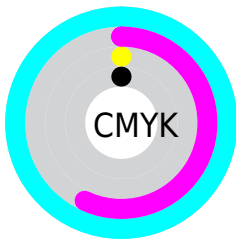
# Distribution



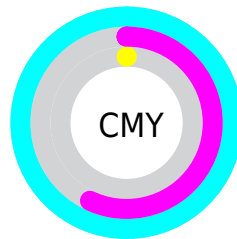
- Red (0%)
- Green (43%)
- Blue (100%)



- Red (0%)
- Yellow (30%)
- Blue (100%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278218239 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 4278218239 by changing the saturation by 10% instead.





4278218239



4278218239

4294967295



4278212066



4285636863



4278206405



4287937279



4278201257



4290107135



4278196878



4292211455



4278190195



4294311935



4278193498



4278191937




4278190890



4278190356

 4278218239

 4279860479

 4281567999

 4283275775

 4284917759

 4286625535

 4288267775

 4289975295

 4291617535

 4293325055

# Harmonies

## Analogous

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



4278224639



4278218239



4290003410

# Triad

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



4278218239



4292036096



4278227550

# Complementary

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



4278218239



4294939136

# 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.



4278226176



4278218239



4288834560

# Square

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



4278218239



4293787719



4284449280



4278228137

# Rectangle

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



4278218239



4292610214



4284449280



4278227268



# Sweetspot

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



4278218239



4289975295



4278255504



4283590016



4278190080



4286611584



# Same Dimension

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



4278218239



4279304447



4285757568



4278211263



4278197056

# Inverse Universe

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



4294901869



4293852928



4286608248



4290707538



4282384411

# Previews

## White Background



This preview shows how the Android color 4278218239 looks on a white background.

## Color Contrast Check

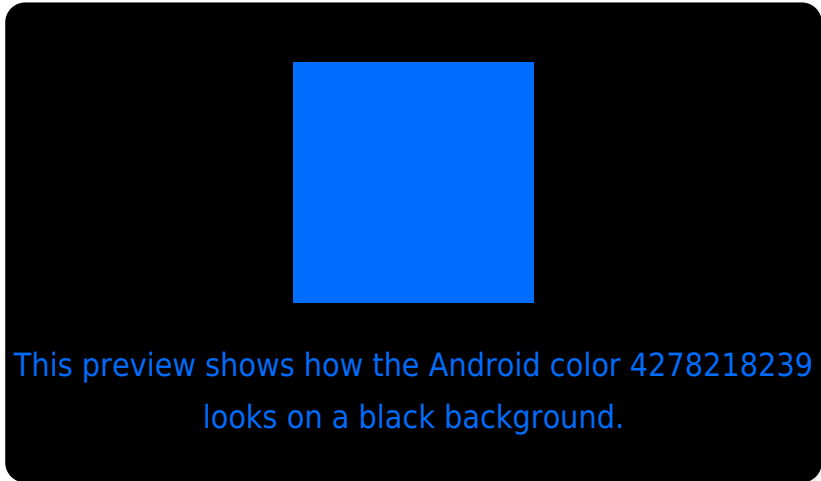
Large Text (above 18pt) WCAG AA ✓ Pass

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

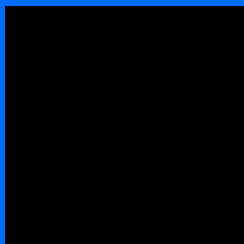
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

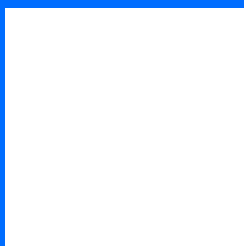
Any Text WCAG AAA × Fail

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

## Android 4278218239 Background



This preview shows how black text looks on a background with the Android color 4278218239.



This preview shows how white text looks on a background with the Android color 4278218239.

# 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**

4278218239

**Protanopia**

4278219248

**Deuteranopia**

4278221006





# Trichromacy



**Original Color**  
4278218239

**Protanomaly**  
4278218997

**Deuteranomaly**  
4278220000

**Tritanomaly**  
4278221493

# Monochromacy



**Original Color**  
4278218239

**Achromatopsia**  
4284308829

**Achromatomaly**  
4282082200

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278218239 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, 109, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 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(0, 109, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 255) }
```

## Border

The CSS property to change the border of an element to Android 4278218239 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, 109, 255) }
```

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

```
.border{ border-color:rgb(0, 109, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 109, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 109,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4278218239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 255) }
```

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

```
.background{ background-color: rgb(0, 109,  
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](#).

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