

Converting Colors

Android(4278230519)

Have a look what the booklet for
Android(4278230519) contains.

Android(4278230519)	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(4278230519)

Conversions

Conversions Part 1

Format	Color
Hex	009DF7
RGB	0, 157, 247
RGB Percent	0%, 62%, 97%
CMY	1.0000, 0.3843, 0.0314
CMYK	1.00, 0.36, 0.00, 0.03
HSL	202°, 100%, 48%
HSV	202°, 100%, 97%
XYZ	28.8455, 30.8293, 92.4260
YIQ	120.3170, -122.4620, -5.2940

Conversions

Conversions Part 2

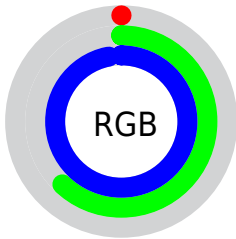
Format	Color
RYB	0, 96, 247
Decimal	40439
CIELab	62.36, -1.76, -54.26
CIELCh	62, 54.288, 268.137
Yxy	30.8293, 0.1896, 0.2027
Android (android.graphics.Color)	4278230519 (0xFF009DF7)
YUV	120.3170, 62.4547, -105.5180
Hunter-Lab	55.5242, -4.4344, -59.8277

Details

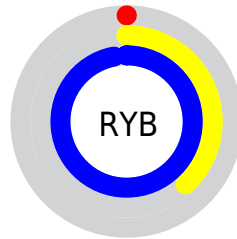
The Android color `4278230519` is a dark color, and the websafe version is hex `0099FF`. The color can be described as middle saturated azure. A complement of this color would be `4294400512`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4285453311`, and `4278217406` is the 20% darker color. If you saturate the color by 10%, you get `4278230519`, and if you desaturate by 10%, it is `4279871223`.

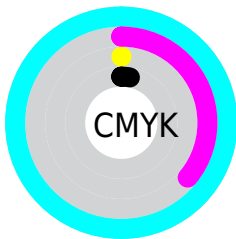
Distribution



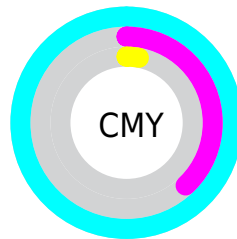
- Red (0%)
- Green (62%)
- Blue (97%)



- Red (0%)
- Yellow (38%)
- Blue (97%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (38%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278230519 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 4278230519 by changing the saturation by 10% instead.

 4278230519

 4278230519

4294967295

 4278223834

 4285453311

 4278217406

 4287688703

 4278211491

 4289789951

 4278205576

 4291887103

 4278200174

 4293984255

 4278195029

 4278191677

 4278190886

 4278190351

■ 4278230519

■ 4279871223

■ 4281446391

■ 4283087095

■ 4284727799

■ 4286368503

■ 4287943671

■ 4289584375

■ 4291225079

■ 4292800247

Harmonies

Analogous

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



4278233576



4278230519



4287859692

Triad

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



4278230519



4293750892



4282624610

Complementary

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



4278230519



4294400512

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.



4286882108



4278230519



4292444485

Square

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



4278230519



4293684380



4290024240



4278234770

Rectangle

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



4278230519



4290674392



4290024240



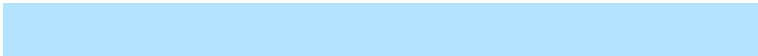
4284328019

Sweetspot

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



4278230519



4289979391



4278253398



4283592576



4278190080



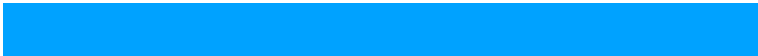
4286611584

Same Dimension

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



4278230519



4278231807



4278199799



4285429370



4278220474



4278199611

Inverse Universe

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



4294377629



4294901922



4294431232



4286213750



4290379894



4282056741

Previews

White Background



This preview shows how the Android color 4278230519 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278230519 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

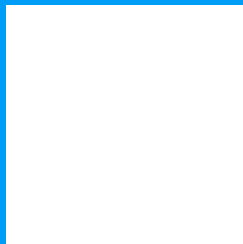
Any Text WCAG AAA ✓ Pass

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

Android 4278230519 Background



This preview shows how black text looks on a background with the Android color 4278230519.



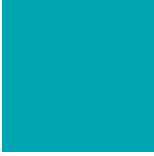
This preview shows how white text looks on a background with the Android color 4278230519.

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





Tritanopia
4278233010

Trichromacy



Original Color
4278230519

Protanomaly
4283013105

Deuteranomaly
4281768440

Tritanomaly
4278232011

Monochromacy



Original Color
4278230519

Achromatopsia
4286085240

Achromatomaly
4283205030

CSS Examples

Text

The CSS property to change the color of the text to Android 4278230519 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, 157, 247)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 247)  
}
```

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, 157, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 247) }
```

Border

The CSS property to change the border of an element to Android 4278230519 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, 157, 247) }
```

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

```
.border{ border-color:rgb(0, 157, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 157, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
247) }
```

Background

The CSS property to change the background color of an element to Android 4278230519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 247) }
```

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

```
.background{ background-color: rgb(0, 157,  
247) }
```

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