

Converting Colors

Android(4278216959)

Have a look what the booklet for
Android(4278216959) contains.

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Color

Android(4278216959)

Conversions

Conversions Part 1

Format	Color
Hex	0068FF
RGB	0, 104, 255
RGB Percent	0%, 41%, 100%
CMY	1.0000, 0.5922, 0.0000
CMYK	1.00, 0.59, 0.00, 0.00
HSL	216°, 100%, 50%
HSV	216°, 100%, 100%
XYZ	23.0003, 17.1206, 96.7001
YIQ	90.1180, -110.4550, 24.9130

Conversions

Conversions Part 2

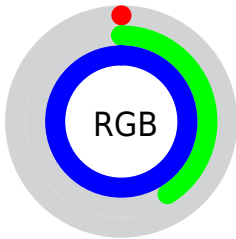
Format	Color
R _Y B	0, 74, 255
Decimal	26879
CIE Lab	48.41, 33.94, -81.19
CIE LCh	48, 87.999, 292.688
Yxy	17.1206, 0.1681, 0.1251
Android (android.graphics.Color)	4278216959 (0xFF0068FF)
YUV	90.1180, 81.2868, -79.0335
Hunter-Lab	41.3771, 26.8131, -109.5994

Details

The Android color `4278216959` 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 `4294940416`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4285700863`, and `4278205381` is the 20% darker color. If you saturate the color by 10%, you get `4278216959`, and if you desaturate by 10%, it is `4279859199`.

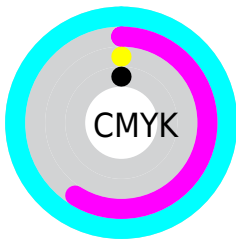
Distribution



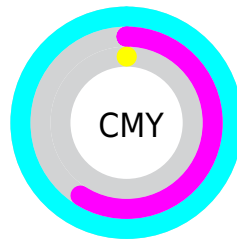
- Red (0%)
- Green (41%)
- Blue (100%)



- Red (0%)
- Yellow (29%)
- Blue (100%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278216959 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 4278216959 by changing the saturation by 10% instead.

 4278216959

 4278216959

4294967295

 4278211042

 4285700863

 4278205381

 4287935999

 4278200233

 4290105599

 4278195854

 4292210175

 4278190451

 4294311935

 4278193497


 4278191937

 4278190890

 4278190356

 4278216959

 4279859199

 4281566975


 4283274751

 4284916991

 4286625023

 4288267263

 4289975039

 4291617279

 4293325055

Harmonies

Analogous

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



4278223871



4278216959



4290131663

Triad

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



4278216959



4291772928



4278226782

Complementary

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



4278216959



4294940416

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.



4278225664



4278216959



4288440832

Square

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



4278216959



4293722176



4283858944



4278227371

Rectangle

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



4278216959



4292739233



4283858944



4278226499

Sweetspot

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



4278216959



4289975039



4278255509



4283589760



4278190080



4286611584

Same Dimension

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



4278216959



4279566591



4285757568



4278210239



4278196800

Inverse Universe

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



4294901864



4293590784



4286608248



4290707534



4282384410

Previews

White Background



This preview shows how the Android color 4278216959 looks on a white background.

Color Contrast Check

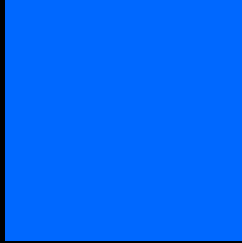
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278216959 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

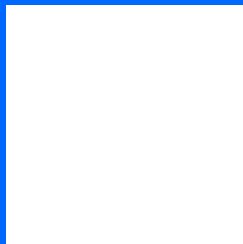
Any Text WCAG AAA × Fail

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

Android 4278216959 Background



This preview shows how black text looks on a background with the Android color 4278216959.



This preview shows how white text looks on a background with the Android color 4278216959.

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

4278216959

Protanopia

4278218473

Deuteranopia

4278220232

Trichromacy



Original Color
4278216959

Protanomaly
4278217969

Deuteranomaly
4278218972

Tritanomaly
4278220722

Monochromacy



Original Color
4278216959

Achromatopsia
4284111450

Achromatomaly
4281950102

CSS Examples

Text

The CSS property to change the color of the text to Android 4278216959 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, 104, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 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, 104, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 255) }
```

Border

The CSS property to change the border of an element to Android 4278216959 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, 104, 255) }
```

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

```
.border{ border-color:rgb(0, 104, 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, 104, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 104,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4278216959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 104, 255) }
```

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

```
.background{ background-color: rgb(0, 104,  
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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