

Converting Colors

Android(4278220023)

Have a look what the booklet for
Android(4278220023) contains.

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Color

Android(4278220023)

Conversions

Conversions Part 1

Format	Color
Hex	0074F7
RGB	0, 116, 247
RGB Percent	0%, 45%, 97%
CMY	1.0000, 0.5451, 0.0314
CMYK	1.00, 0.53, 0.00, 0.03
HSL	212°, 100%, 48%
HSV	212°, 100%, 97%
XYZ	23.0339, 19.2062, 90.4888
YIQ	96.2500, -111.1870, 16.1490

Conversions

Conversions Part 2

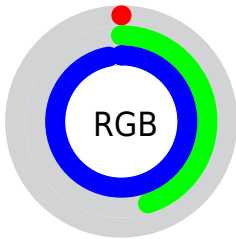
Format	Color
RYB	0, 79, 247
Decimal	29943
CIELab	50.93, 23.25, -72.64
CIELCh	51, 76.274, 287.747
Yxy	19.2062, 0.1735, 0.1447
Android (android.graphics.Color)	4278220023 (0xFF0074F7)
YUV	96.2500, 74.3197, -84.4112
Hunter-Lab	43.8249, 17.1242, -91.7436

Details

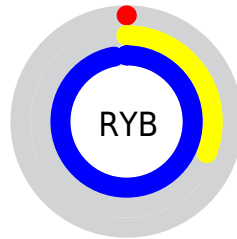
The Android color `4278220023` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark saturated azure. A complement of this color would be `4294411008`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4285507583`, and `4278207934` is the 20% darker color. If you saturate the color by 10%, you get `4278220023`, and if you desaturate by 10%, it is `4279861751`.

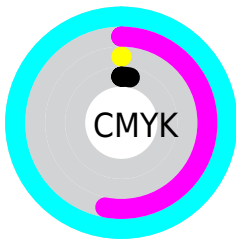
Distribution



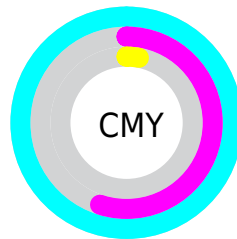
- Red (0%)
- Green (45%)
- Blue (97%)



- Red (0%)
- Yellow (31%)
- Blue (97%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (55%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278220023 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 4278220023 by changing the saturation by 10% instead.

 4278220023

 4278220023

4294967295

 4278213850

 4285507583


 4278207934

 4287742719

 4278202530

 4289847039

 4278197895

 4291951359

 4278191469

 4294049791

 4278192979

 4278191675

 4278190629

 4278190349

■ 4278220023

■ 4279861751

■ 4281437943

■ 4283079671

■ 4284721399

■ 4286363383

■ 4287939575

■ 4289581303

■ 4291223031

■ 4292799223

Harmonies

Analogous

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



4278225402



4278220023



4289352402

Triad

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



4278220023



4292103188



4278227803

Complementary

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



4278220023



4294411008

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.



4278226445



4278220023



4289293568

Square

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



4278220023



4293469270



4285497856



4278228383

Rectangle

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



4278220023



4291966380



4285497856



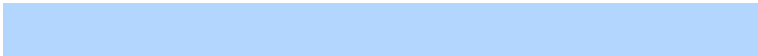
4278227524

Sweetspot

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



4278220023



4289976063



4278253440



4283590528



4278190080



4286611584

Same Dimension

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



4278220023



4278221055



4278452471



4285428858



4278212538



4278197307

Inverse Universe

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



4294377588



4294901880



4294178560



4286213748



4290379863



4282056732

Previews

White Background



This preview shows how the Android color 4278220023 looks on a white background.

Color Contrast Check

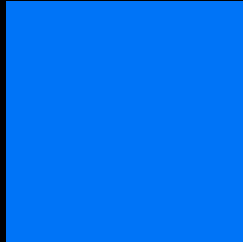
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278220023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

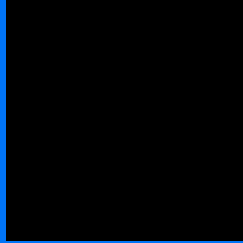
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

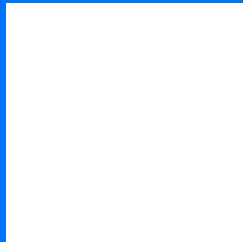
Any Text WCAG AAA × Fail

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

Android 4278220023 Background



This preview shows how black text looks on a background with the Android color 4278220023.



This preview shows how white text looks on a background with the Android color 4278220023.

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

4278220023

Protanopia

4278678775

Deuteranopia

4278221781

Trichromacy



Original Color
4278220023

Protanomaly
4278482167

Deuteranomaly
4278221025

Tritanomaly
4278222772

Monochromacy



Original Color
4278220023

Achromatopsia
4284506208

Achromatomaly
4282214295

CSS Examples

Text

The CSS property to change the color of the text to Android 4278220023 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, 116, 247)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 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, 116, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 247) }
```

Border

The CSS property to change the border of an element to Android 4278220023 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, 116, 247) }
```

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

```
.border{ border-color:rgb(0, 116, 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, 116, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 116,  
247) }
```

Background

The CSS property to change the background color of an element to Android 4278220023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 116, 247) }
```

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

```
.background{ background-color: rgb(0, 116,  
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](#).

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