

Converting Colors

Android(4278219246)

Have a look what the booklet for
Android(4278219246) contains.

Android(4278219246)	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(4278219246)

Conversions

Conversions Part 1

Format	Color
Hex	0071EE
RGB	0, 113, 238
RGB Percent	0%, 44%, 93%
CMY	1.0000, 0.5569, 0.0667
CMYK	1.00, 0.53, 0.00, 0.07
HSL	212°, 100%, 47%
HSV	212°, 100%, 93%
XYZ	21.3377, 17.9833, 83.2354
YIQ	93.4630, -107.4730, 14.9190

Conversions

Conversions Part 2

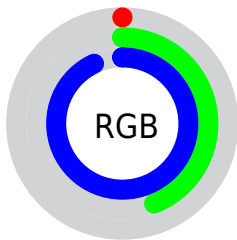
Format	Color
RYB	0, 77, 238
Decimal	29166
CIELab	49.48, 21.66, -69.98
CIELCh	49, 73.257, 287.197
Yxy	17.9833, 0.1741, 0.1467
Android (android.graphics.Color)	4278219246 (0xFF0071EE)
YUV	93.4630, 71.2567, -81.9671
Hunter-Lab	42.4067, 15.6039, -86.6890

Details

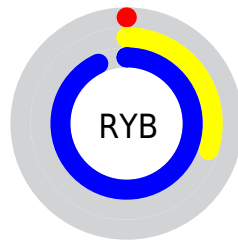
The Android color `4278219246` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed azure. A complement of this color would be `4293819648`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4285310207`, and `4278207413` is the 20% darker color. If you saturate the color by 10%, you get `4278219246`, and if you desaturate by 10%, it is `4279795438`.

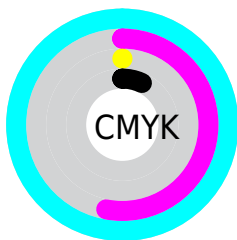
Distribution



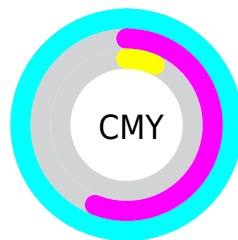
- Red (0%)
- Green (44%)
- Blue (93%)



- Red (0%)
- Yellow (30%)
- Blue (93%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (56%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278219246 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 4278219246 by changing the saturation by 10% instead.

 4278219246

 4278219246

4294967295

 4278213073

 4285310207


 4278207413

 4287545343

 4278202010

 4289649407

 4278197375

 4291753983

 4278190693

 4293787647

 4278192460

 4278191156

 4278190622

 4278190080

■ 4278219246

■ 4279795438

■ 4281371374

■ 4282882030

■ 4284457966

■ 4286034158

■ 4287610094

■ 4289186286

■ 4290696686

■ 4292272878

Harmonies

Analogous

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



4278224368



4278219246



4288893387

Triad

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



4278219246



4291643927



4278226776

Complementary

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



4278219246



4293819648

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.



4278290702



4278219246



4289030400

Square

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



4278219246



4292879957



4285365760



4278227097

Rectangle

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



4278219246



4291377063



4285365760



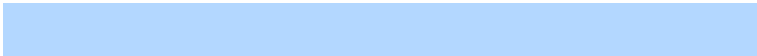
4278226242

Sweetspot

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



4278219246



4289976319



4278251131



4283590528



4278190080



4286611584

Same Dimension

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



4278219246



4278221311



4278452462



4285297272



4278212536



4278197048

Inverse Universe

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



4293787761



4294901881



4293586432



4286082162



4290248791



4281860123

Previews

White Background



This preview shows how the Android color 4278219246 looks on a white background.

Color Contrast Check

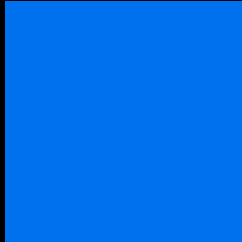
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278219246 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

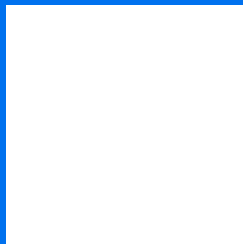
Any Text WCAG AAA × Fail

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

Android 4278219246 Background



This preview shows how black text looks on a background with the Android color 4278219246.



This preview shows how white text looks on a background with the Android color 4278219246.

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
4278219246

Protanopia
4279661038

Deuteranopia
4278221007

Trichromacy



Original Color

4278219246

Protanomaly

4279136750

Deuteranomaly

4278220250

Tritanomaly

4278221998

Monochromacy



Original Color

4278219246

Achromatopsia

4284308829

Achromatomaly

4282082450

CSS Examples

Text

The CSS property to change the color of the text to Android 4278219246 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, 113, 238)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 238)  
}
```

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, 113, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 238) }
```

Border

The CSS property to change the border of an element to Android 4278219246 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, 113, 238) }
```

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

```
.border{ border-color:rgb(0, 113, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 113, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 238);  
box-shadow:4px 4px 4px 4px rgb(0, 113,  
238) }
```

Background

The CSS property to change the background color of an element to Android 4278219246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 113, 238) }
```

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

```
.background{ background-color: rgb(0, 113,  
238) }
```

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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