

Converting Colors

Android(4278221547)

Have a look what the booklet for
Android(4278221547) contains.

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Color

Android(4278221547)

Conversions

Conversions Part 1

Format	Color
Hex	007AEB
RGB	0, 122, 235
RGB Percent	0%, 48%, 92%
CMY	1.0000, 0.5216, 0.0784
CMYK	1.00, 0.48, 0.00, 0.08
HSL	209°, 100%, 46%
HSV	209°, 100%, 92%
XYZ	21.9549, 19.9172, 81.2845
YIQ	98.4040, -108.9850, 9.2790

Conversions

Conversions Part 2

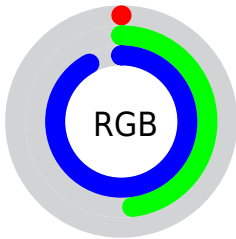
Format	Color
RYB	0, 80, 235
Decimal	31467
CIELab	51.74, 14.79, -64.63
CIELCh	52, 66.302, 282.887
Yxy	19.9172, 0.1783, 0.1617
Android (android.graphics.Color)	4278221547 (0xFF007AEB)
YUV	98.4040, 67.3418, -86.3003
Hunter-Lab	44.6287, 9.7121, -76.7477

Details

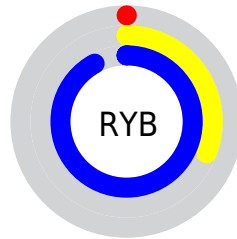
The Android color `4278221547` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4293619968`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4285247231`, and `4278209458` is the 20% darker color. If you saturate the color by 10%, you get `4278221547`, and if you desaturate by 10%, it is `4279731691`.

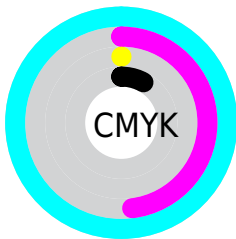
Distribution



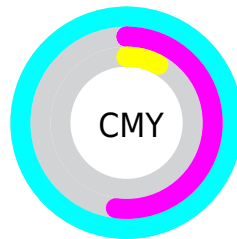
- Red (0%)
- Green (48%)
- Blue (92%)



- Red (0%)
- Yellow (31%)
- Blue (92%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (52%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278221547 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 4278221547 by changing the saturation by 10% instead.

 4278221547

 4278221547

4294967295

 4278215374

 4285247231

 4278209458

 4287416831

 4278203799

 4289521151

 4278198908

 4291624959

 4278192995

 4293656575

 4278192458


 4278191154

 4278190620

 4278190080

 4278221547

 4279731691

 4281307627

 4282883307

 4284393451

 4285969387

 4287479531

 4288989675

 4290565355

 4292075755

Harmonies

Analogous

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



4278225896



4278221547



4288438479

Triad

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



4278221547



4291973680



4278227800

Complementary

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



4278221547



4293619968

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.



4282092828



4278221547



4289686784

Square

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



4278221547



4292820069



4286480384



4278228371

Rectangle

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



4278221547



4290989232



4286480384



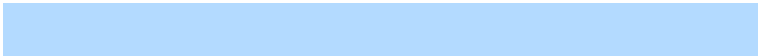
4278227268

Sweetspot

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



4278221547



4289977087



4278250350



4283591040



4278190080



4286611584

Same Dimension

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



4278221547



4278224127



4278192363



4285165685



4278214325



4278197302

Inverse Universe

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



4293591162



4294901892



4293649152



4285885040



4290052190



4281729052

Previews

White Background



This preview shows how the Android color 4278221547 looks on a white background.

Color Contrast Check

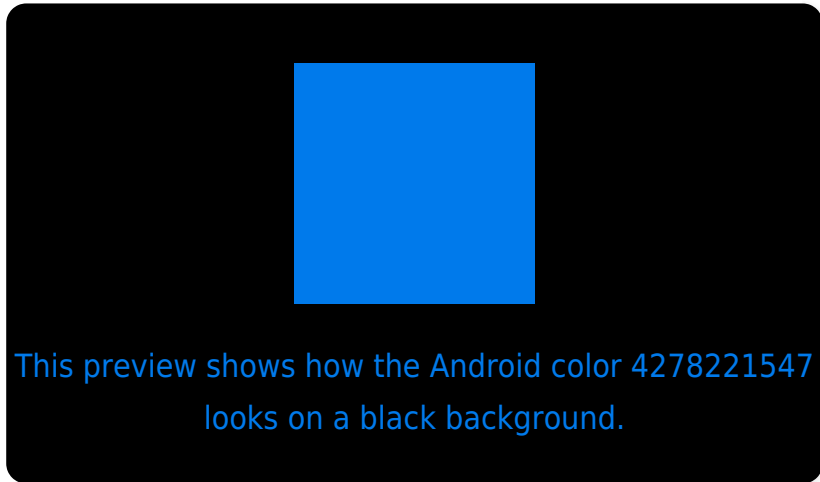
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

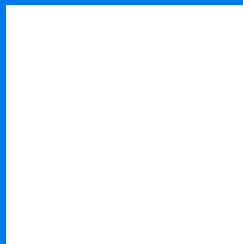
Any Text WCAG AAA × Fail

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

Android 4278221547 Background



This preview shows how black text looks on a background with the Android color 4278221547.



This preview shows how white text looks on a background with the Android color 4278221547.

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



Trichromacy



Original Color
4278221547

Protanomaly
4280776937

Deuteranomaly
4278222049

Tritanomaly
4278223794

Monochromacy



Original Color
4278221547

Achromatopsia
4284637794

Achromatomaly
4282280852

CSS Examples

Text

The CSS property to change the color of the text to Android 4278221547 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, 122, 235)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 235)  
}
```

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, 122, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 235) }
```

Border

The CSS property to change the border of an element to Android 4278221547 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, 122, 235) }
```

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

```
.border{ border-color:rgb(0, 122, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 122, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 235);  
box-shadow:4px 4px 4px 4px rgb(0, 122,  
235) }
```

Background

The CSS property to change the background color of an element to Android 4278221547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 122, 235) }
```

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

```
.background{ background-color: rgb(0, 122,  
235) }
```

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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