

Converting Colors

Android(4278221521)

Have a look what the booklet for
Android(4278221521) contains.

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Color

Android(4278221521)

Conversions

Conversions Part 1

Format	Color
Hex	007AD1
RGB	0, 122, 209
RGB Percent	0%, 48%, 82%
CMY	1.0000, 0.5216, 0.1804
CMYK	1.00, 0.42, 0.00, 0.18
HSL	205°, 100%, 41%
HSV	205°, 100%, 82%
XYZ	18.4682, 18.5225, 62.9234
YIQ	95.4400, -100.6390, 1.1930

Conversions

Conversions Part 2

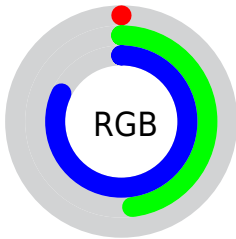
Format	Color
RYB	0, 77, 209
Decimal	31441
CIELab	50.12, 4.58, -52.58
CIElCh	50, 52.782, 274.982
Yxy	18.5225, 0.1848, 0.1854
Android (android.graphics.Color)	4278221521 (0xFF007AD1)
YUV	95.4400, 55.9851, -83.7009
Hunter-Lab	43.0378, 1.2809, -56.5585

Details

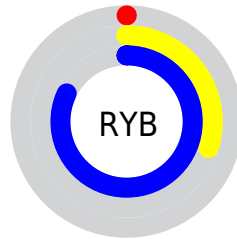
The Android color `4278221521` is a dark color, and the websafe version is hex `0099FF`. The color can be described as dark washed azure. A complement of this color would be `4291909376`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4284788479`, and `4278209178` is the 20% darker color. If you saturate the color by 10%, you get `4278221521`, and if you desaturate by 10%, it is `4279600081`.

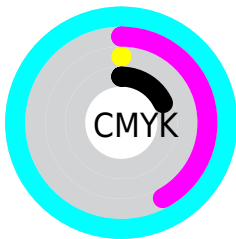
Distribution



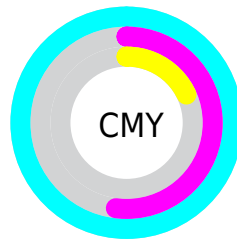
- Red (0%)
- Green (48%)
- Blue (82%)



- Red (0%)
- Yellow (30%)
- Blue (82%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (52%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278221521 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 4278221521 by changing the saturation by 10% instead.

 4278221521

 4278221521

4294967295

 4278215349

 4284788479

 4278209178

 4286892543

 4278203519

 4288931327

 4278198630

 4290969599

 4278191949

 4292935679

 4278191413

 4278190623

 4278190083

 4278190080

 4278221521

 4279600081

 4280978385

 4282356945

 4283735505

 4285114065

 4286426833

 4287805393

 4289183953

 4290562257

Harmonies

Analogous

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



4278224584



4278221521



4286736577

Triad

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



4278221521



4290991430



4278225487

Complementary

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



4278221521



4291909376

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.



4283990823



4278221521



4289488674

Square

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



4278221521



4291316850



4287068175



4278226302

Rectangle

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



4278221521



4289092523



4287068175



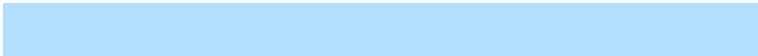
4281043009

Sweetspot

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



4278221521



4289978367



4278243668



4283591808



4278190080



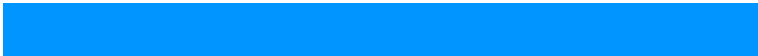
4286611584

Same Dimension

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



4278221521



4278228479



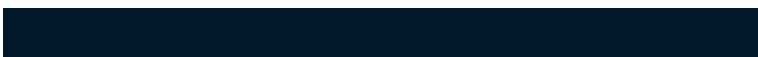
4278195665



4284376169



4278215336



4278196265

Inverse Universe

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



4291887226



4294901909



4291935232



4285095524



4289200226



4280877080

Previews

White Background



This preview shows how the Android color 4278221521 looks on a white background.

Color Contrast Check

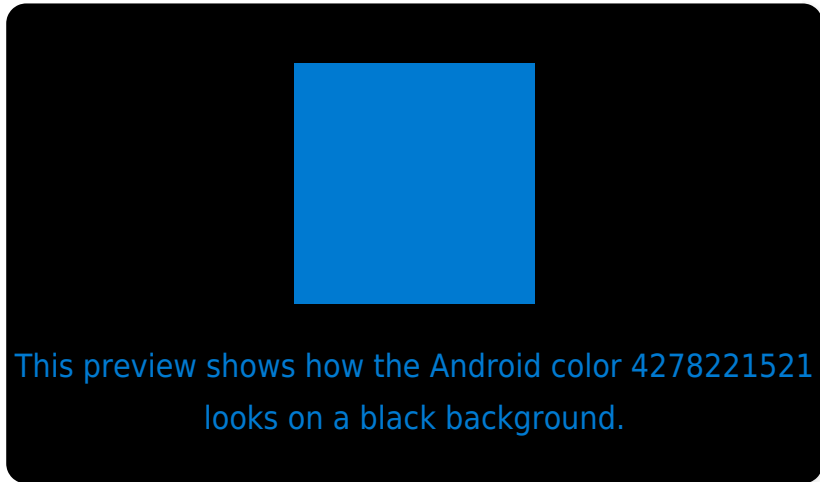
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278221521 Background



This preview shows how black text looks on a background with the Android color 4278221521.



This preview shows how white text looks on a background with the Android color 4278221521.

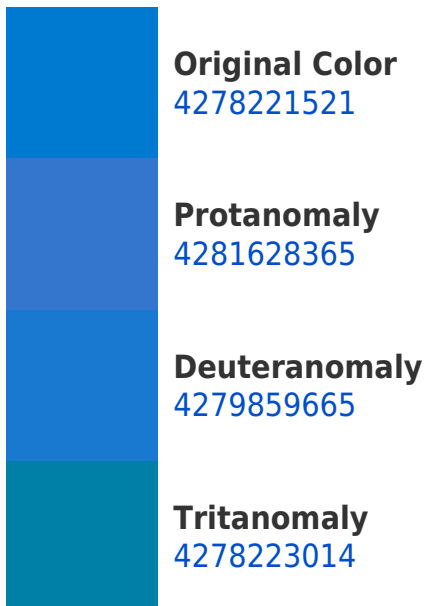
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4278221521 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 209) }
```

Border

The CSS property to change the border of an element to Android 4278221521 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, 209) }
```

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

```
.border{ border-color:rgb(0, 122, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 209);  
box-shadow:4px 4px 4px 4px rgb(0, 122,  
209) }
```

Background

The CSS property to change the background color of an element to Android 4278221521 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, 209) }
```

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

```
.background{ background-color: rgb(0, 122,  
209) }
```

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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