

Converting Colors

Android(4278231002)

Have a look what the booklet for
Android(4278231002) contains.

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Color

Android(4278231002)

Conversions

Conversions Part 1

Format	Color
Hex	009FDA
RGB	0, 159, 218
RGB Percent	0%, 62%, 85%
CMY	1.0000, 0.3765, 0.1451
CMYK	1.00, 0.27, 0.00, 0.15
HSL	196°, 100%, 43%
HSV	196°, 100%, 85%
XYZ	25.0530, 29.8582, 70.7724
YIQ	118.1850, -113.7030, -15.3590

Conversions

Conversions Part 2

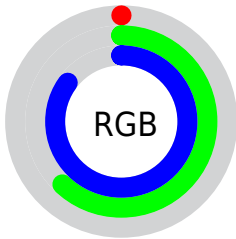
Format	Color
RYB	0, 92, 218
Decimal	40922
CIELab	61.53, -13.60, -39.57
CIELCh	62, 41.844, 251.029
Yxy	29.8582, 0.1993, 0.2376
Android (android.graphics.Color)	4278231002 (0xFF009FDA)
YUV	118.1850, 49.2088, -103.6482
Hunter-Lab	54.6427, -13.7846, -38.5417

Details

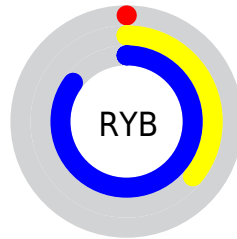
The Android color `4278231002` is a dark color, and the websafe version is hex `0099CC`. The color can be described as dark washed azure. A complement of this color would be `4292492032`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4284995327`, and `4278217891` is the 20% darker color. If you saturate the color by 10%, you get `4278231002`, and if you desaturate by 10%, it is `4279674330`.

Distribution



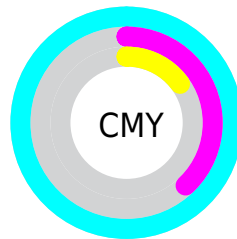
- Red (0%)
- Green (62%)
- Blue (85%)



- Red (0%)
- Yellow (36%)
- Blue (85%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (38%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278231002 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 4278231002 by changing the saturation by 10% instead.

 4278231002

 4278231002

4294967295

 4278224318

 4284995327

 4278217891

 4287165183

 4278211720

 4289265663

 4278205807

 4291297279

 4278200150

 4293328895

 4278194238

 4278190888

 4278190353

 4278190080

■ 4278231002

■ 4279674330

■ 4281117658

■ 4282495450

■ 4283938778

■ 4285382106

■ 4286825178

■ 4288268506

■ 4289646298

■ 4291089626

Harmonies

Analogous

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



4278232772



4278231002



4285633757

Triad

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



4278231002



4292572808



4285964379

Complementary

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



4278231002



4292492032

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.



4288583498



4278231002



4292181350

Square

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



4278231002



4291656366



4290742862



4282558075

Rectangle

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



4278231002



4288252628



4290742862



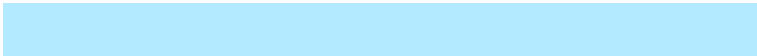
4286881363

Sweetspot

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



4278231002



4289981183



4278245946



4283593600



4278190080



4286611584

Same Dimension

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



4278231002



4278237951



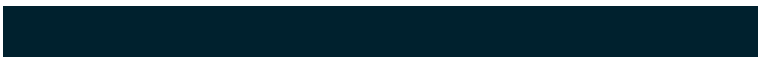
4278203354



4284705646



4278222509



4278198574

Inverse Universe

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



4292477087



4294901946



4292519680



4285424491



4289527934



4281204769

Previews

White Background



This preview shows how the Android color 4278231002 looks on a white background.

Color Contrast Check

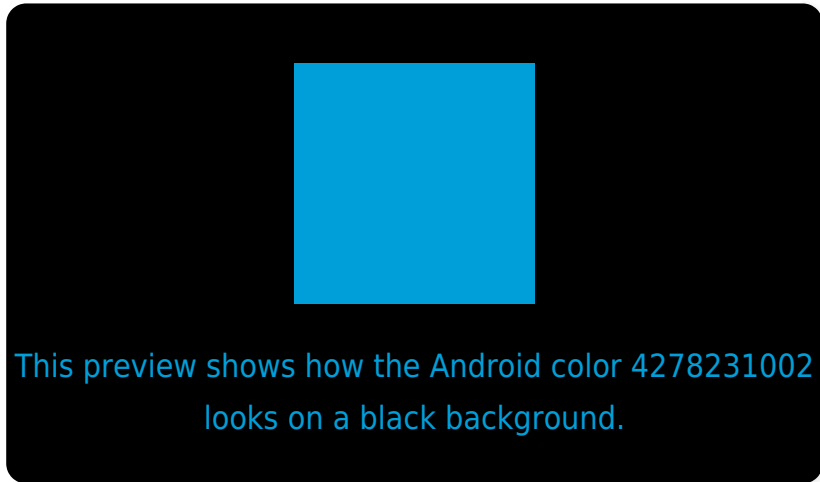
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278231002 Background



This preview shows how black text looks on a background with the Android color 4278231002.



This preview shows how white text looks on a background with the Android color 4278231002.

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
4278231002

Protanomaly
4283602899

Deuteranomaly
4283013084

Tritanomaly
4278231744

Monochromacy



Original Color
4278231002

Achromatopsia
4285953654

Achromatomaly
4283139482

CSS Examples

Text

The CSS property to change the color of the text to Android 4278231002 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, 159, 218)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 218)  
}
```

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, 159, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 218) }
```

Border

The CSS property to change the border of an element to Android 4278231002 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, 159, 218) }
```

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

```
.border{ border-color:rgb(0, 159, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 159, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 218);  
box-shadow:4px 4px 4px 4px rgb(0, 159,  
218) }
```

Background

The CSS property to change the background color of an element to Android 4278231002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 159, 218) }
```

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

```
.background{ background-color: rgb(0, 159,  
218) }
```

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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