

Converting Colors

Android(4278231802)

Have a look what the booklet for
Android(4278231802) contains.

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Color

Android(4278231802)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00A2FA |
| RGB | 0, 162, 250 |
| RGB Percent | 0%, 64%, 98% |
| CMY | 1.0000, 0.3647, 0.0196 |
| CMYK | 1.00, 0.35, 0.00, 0.02 |
| HSL | 201°, 100%, 49% |
| HSV | 201°, 100%, 98% |
| XYZ | 30.1756, 32.7428, 95.1720 |
| YIQ | 123.5940, -124.8000, -6.9760 |

Conversions

Conversions Part 2

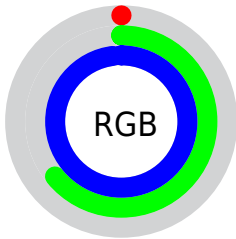
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 98, 250 |
| Decimal | 41722 |
| CIELab | 63.95, -3.53, -53.38 |
| CIELCh | 64, 53.494, 266.221 |
| Yxy | 32.7428, 0.1909, 0.2071 |
| Android (android.graphics.Color) | 4278231802 (0xFF00A2FA) |
| YUV | 123.5940, 62.3182, -108.3919 |
| Hunter-Lab | 57.2213, -6.0054, -58.5578 |

Details

The Android color `4278231802` is a dark color, and the websafe version is hex `0099FF`. The color can be described as middle saturated azure. A complement of this color would be `4294596608`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4285520127`, and `4278218689` is the 20% darker color. If you saturate the color by 10%, you get `4278231802`, and if you desaturate by 10%, it is `4279872506`.

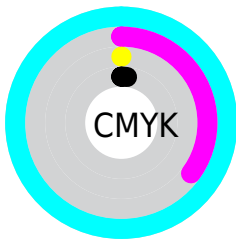
Distribution



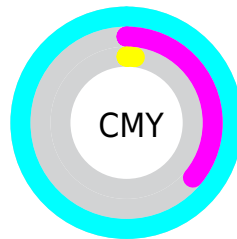
- Red (0%)
- Green (64%)
- Blue (98%)



- Red (0%)
- Yellow (38%)
- Blue (98%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (36%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278231802 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 4278231802 by changing the saturation by 10% instead.

 4278231802

 4278231802

4294967295

 4278225117

 4285520127


 4278218689

 4287755775

 4278212517

 4289855487

 4278206603

 4291952639

 4278201201

 4294049791

 4278196056


 4278191936

 4278190889

 4278190354

 4278231802

 4279872506

 4281513210

 4283153658

 4284794362

 4286435066

 4288075770

 4289716474

 4291356922

 4292997626

Harmonies

Analogous

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



4278234601



4278231802



4287861233

Triad

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



4278231802



4294079860



4283412068

Complementary

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



4278231802



4294596608

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.



4287407424



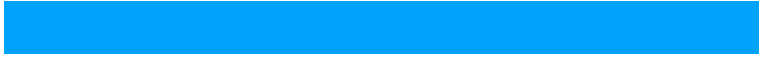
4278231802



4292838476

Square

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



4278231802



4293816739



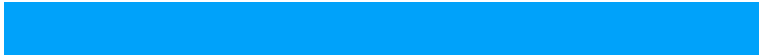
4290483767



4278235795

Rectangle

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



4278231802



4290741469



4290483767



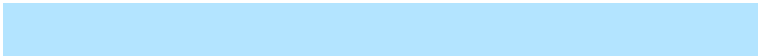
4284918614

Sweetspot

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



4278231802



4289979647



4278254168



4283592576



4278190080



4286611584

Same Dimension

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



4278231802



4278232575



4278199802



4285561213



4278221501



4278200381

Inverse Universe

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



4294574242



4294901925



4294628352



4286410873



4290576506



4282187816

Previews

White Background



This preview shows how the Android color 4278231802 looks on a white background.

Color Contrast Check

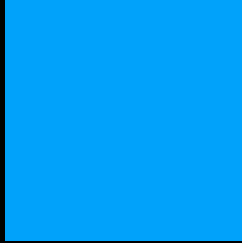
Large Text (above 18pt) WCAG AA × Fail

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 4278231802 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

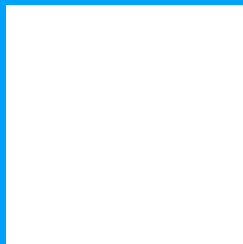
Any Text WCAG AAA ✓ Pass

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

Android 4278231802 Background



This preview shows how black text looks on a background with the Android color 4278231802.



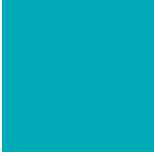
This preview shows how white text looks on a background with the Android color 4278231802.

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





Tritanopia
4278234039

Trichromacy



Original Color
4278231802



Protanomaly
4283276276



Deuteranomaly
4282097403



Tritanomaly
4278233295

Monochromacy



Original Color
4278231802



Achromatopsia
4286348412



Achromatomaly
4283402922

CSS Examples

Text

The CSS property to change the color of the text to Android 4278231802 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, 162, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 250)  
}
```

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, 162, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 250) }
```

Border

The CSS property to change the border of an element to Android 4278231802 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, 162, 250) }
```

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

```
.border{ border-color:rgb(0, 162, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 162, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 162,  
250) }
```

Background

The CSS property to change the background color of an element to Android 4278231802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 250) }
```

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

```
.background{ background-color: rgb(0, 162,  
250) }
```

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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