

Converting Colors

Android(4278231290)

Have a look what the booklet for
Android(4278231290) contains.

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Color

Android(4278231290)

Conversions

Conversions Part 1

Format	Color
Hex	00A0FA
RGB	0, 160, 250
RGB Percent	0%, 63%, 98%
CMY	1.0000, 0.3725, 0.0196
CMYK	1.00, 0.36, 0.00, 0.02
HSL	202°, 100%, 49%
HSV	202°, 100%, 98%
XYZ	29.8261, 32.0437, 95.0555
YIQ	122.4200, -124.2500, -5.9300

Conversions

Conversions Part 2

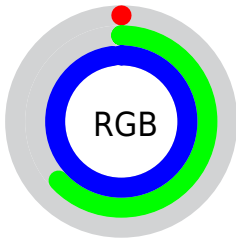
Format	Color
RYB	0, 98, 250
Decimal	41210
CIELab	63.38, -2.38, -54.29
CIELCh	63, 54.339, 267.492
Yxy	32.0437, 0.1901, 0.2042
Android (android.graphics.Color)	4278231290 (0xFF00A0FA)
YUV	122.4200, 62.8969, -107.3623
Hunter-Lab	56.6072, -5.0116, -59.9355

Details

The Android color `4278231290` 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 `4294597120`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4285519615`, and `4278218177` is the 20% darker color. If you saturate the color by 10%, you get `4278231290`, and if you desaturate by 10%, it is `4279871994`.

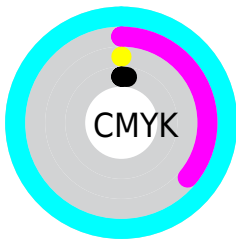
Distribution



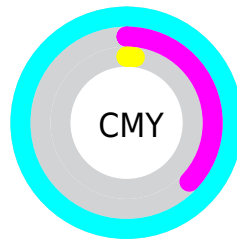
- Red (0%)
- Green (63%)
- Blue (98%)



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



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (37%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278231290 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 4278231290 by changing the saturation by 10% instead.

 4278231290

 4278231290

4294967295

 4278224605

 4285519615


 4278218177

 4287755263

 4278212005

 4289855487

 4278206347

 4291952639

 4278200945

 4294049791

 4278195799


 4278191935

 4278190888

 4278190354

 4278231290

 4279871994

 4281512698

 4283153402

 4284794106

 4286434810

 4288075514

 4289716218

 4291356922

 4292997626

Harmonies

Analogous

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



4278234090



4278231290



4287926000

Triad

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



4278231290



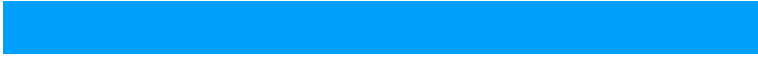
4294013808



4282887523

Complementary

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



4278231290



4294597120

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.



4287145022



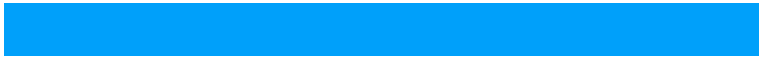
4278231290



4292641608

Square

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



4278231290



4293881504



4290287155



4278235540

Rectangle

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



4278231290



4290806235



4290287155



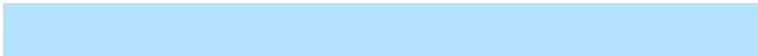
4284590677

Sweetspot

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



4278231290



4289979391



4278254168



4283592576



4278190080



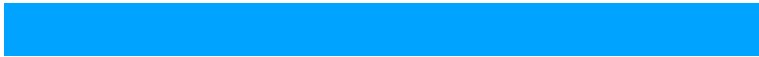
4286611584

Same Dimension

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



4278231290



4278232063



4278199802



4285560957



4278221245



4278200125

Inverse Universe

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



4294574240



4294901923



4294628352



4286410872



4290576505



4282187815

Previews

White Background



This preview shows how the Android color 4278231290 looks on a white background.

Color Contrast Check

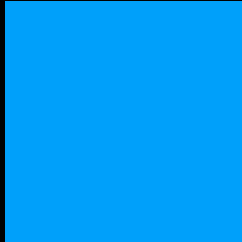
Large Text (above 18pt) WCAG AA × Fail

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 4278231290 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

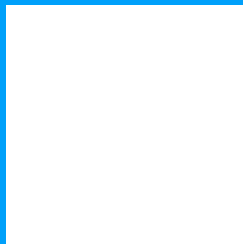
Any Text WCAG AAA ✓ Pass

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

Android 4278231290 Background



This preview shows how black text looks on a background with the Android color 4278231290.



This preview shows how white text looks on a background with the Android color 4278231290.

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

4278231290



Protanomaly

4283144692



Deuteranomaly

4281900283



Tritanomaly

4278232783

Monochromacy



Original Color

4278231290



Achromatopsia

4286216826



Achromatomaly

4283336873

CSS Examples

Text

The CSS property to change the color of the text to Android 4278231290 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, 160, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 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, 160, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 250) }
```

Border

The CSS property to change the border of an element to Android 4278231290 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, 160, 250) }
```

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

```
.border{ border-color:rgb(0, 160, 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, 160, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 160,  
250) }
```

Background

The CSS property to change the background color of an element to Android 4278231290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 160, 250) }
```

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

```
.background{ background-color: rgb(0, 160,  
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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