

Converting Colors

Android(4278231278)

Have a look what the booklet for
Android(4278231278) contains.

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Color

Android(4278231278)

Conversions

Conversions Part 1

Format	Color
Hex	00A0EE
RGB	0, 160, 238
RGB Percent	0%, 63%, 93%
CMY	1.0000, 0.3725, 0.0667
CMYK	1.00, 0.33, 0.00, 0.07
HSL	200°, 100%, 47%
HSV	200°, 100%, 93%
XYZ	28.0034, 31.3147, 85.4573
YIQ	121.0520, -120.3980, -9.6620

Conversions

Conversions Part 2

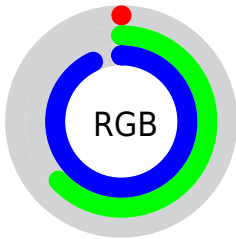
Format	Color
RYB	0, 96, 238
Decimal	41198
CIELab	62.77, -6.83, -48.67
CIELCh	63, 49.147, 262.012
Yxy	31.3147, 0.1934, 0.2163
Android (android.graphics.Color)	4278231278 (0xFF00A0EE)
YUV	121.0520, 57.6554, -106.1626
Hunter-Lab	55.9595, -8.6036, -51.3718

Details

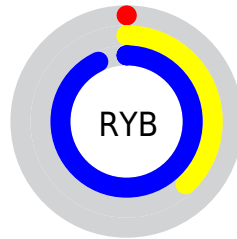
The Android color `4278231278` is a dark color, and the websafe version is hex `0099FF`. The color can be described as middle washed azure. A complement of this color would be `4293807616`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4285323007`, and `4278218166` is the 20% darker color. If you saturate the color by 10%, you get `4278231278`, and if you desaturate by 10%, it is `4279806190`.

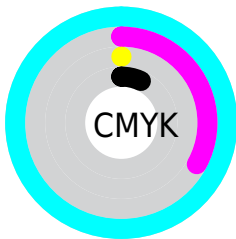
Distribution



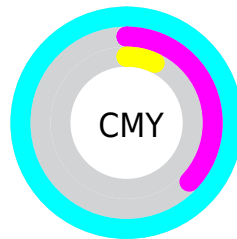
- Red (0%)
- Green (63%)
- Blue (93%)



- Red (0%)
- Yellow (38%)
- Blue (93%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (37%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278231278 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 4278231278 by changing the saturation by 10% instead.

 4278231278

 4278231278

4294967295

 4278224593

 4285323007

 4278218166

 4287493119

 4278211994

 4289658879

 4278206080

 4291690495

 4278200678

 4293787647

 4278195534


 4278191414

 4278190624

 4278190084

 4278231278

 4279806190

 4281381102

 4282890222

 4284465134

 4286040046

 4287614958

 4289189870

 4290698990

 4292273902

Harmonies

Analogous

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



4278233820



4278231278



4287074793

Triad

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



4278231278



4293489786



4284328032

Complementary

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



4278231278



4293807616

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.



4287733571



4278231278



4292510036

Square

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



4278231278



4293030821



4290482494



4278234506

Rectangle

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



4278231278



4289889753



4290482494



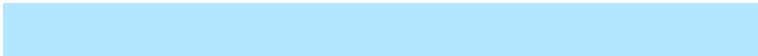
4285572692

Sweetspot

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



4278231278



4289980159



4278251083



4283592832



4278190080



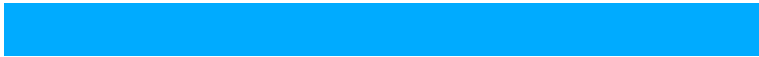
4286611584

Same Dimension

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



4278231278



4278234111



4278201582



4285297784



4278221752



4278199864

Inverse Universe

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



4293787808



4294901931



4293837312



4286082164



4290248827



4281860134

Previews

White Background



This preview shows how the Android color 4278231278 looks on a white background.

Color Contrast Check

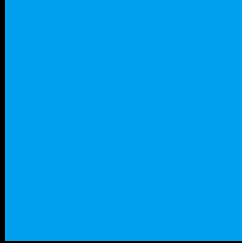
Large Text (above 18pt) WCAG AA × Fail

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 4278231278 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

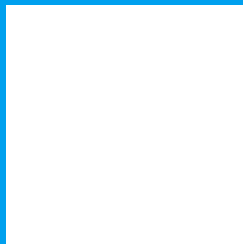
Any Text WCAG AAA ✓ Pass

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

Android 4278231278 Background



This preview shows how black text looks on a background with the Android color 4278231278.



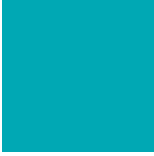
This preview shows how white text looks on a background with the Android color 4278231278.

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
4278233268

Trichromacy



Original Color
4278231278



Protanomaly
4283341032



Deuteranomaly
4282424047



Tritanomaly
4278232521

Monochromacy



Original Color
4278231278



Achromatopsia
4286151033



Achromatomaly
4283271076

CSS Examples

Text

The CSS property to change the color of the text to Android 4278231278 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 238) }
```

Border

The CSS property to change the border of an element to Android 4278231278 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, 238) }
```

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

```
.border{ border-color:rgb(0, 160, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 238);  
box-shadow:4px 4px 4px 4px rgb(0, 160,  
238) }
```

Background

The CSS property to change the background color of an element to Android 4278231278 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, 238) }
```

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

```
.background{ background-color: rgb(0, 160,  
238) }
```

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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