

Converting Colors

Android(4278235101)

Have a look what the booklet for
Android(4278235101) contains.

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Color

Android(4278235101)

Conversions

Conversions Part 1

Format	Color
Hex	00AFDD
RGB	0, 175, 221
RGB Percent	0%, 69%, 87%
CMY	1.0000, 0.3137, 0.1333
CMYK	1.00, 0.21, 0.00, 0.13
HSL	192°, 100%, 43%
HSV	192°, 100%, 87%
XYZ	28.3811, 35.8804, 73.8364
YIQ	127.9190, -119.0660, -22.7940

Conversions

Conversions Part 2

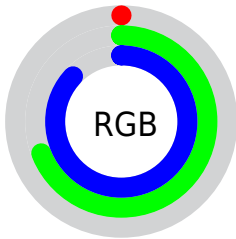
Format	Color
RYB	0, 98, 221
Decimal	45021
CIELab	66.43, -21.10, -33.59
CIELCh	66, 39.670, 237.868
Yxy	35.8804, 0.2055, 0.2598
Android (android.graphics.Color)	4278235101 (0xFF00AFDD)
YUV	127.9190, 45.8889, -112.1850
Hunter-Lab	59.9003, -20.2510, -31.1540

Details

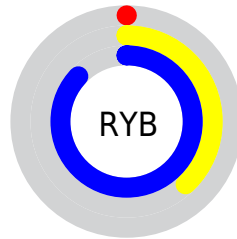
The Android color `4278235101` is a dark color, and the websafe version is hex `0099CC`. The color can be described as dark washed azure. A complement of this color would be `4292685312`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4285130751`, and `4278221478` is the 20% darker color. If you saturate the color by 10%, you get `4278235101`, and if you desaturate by 10%, it is `4279678173`.

Distribution



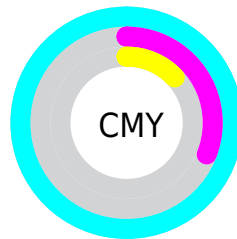
- Red (0%)
- Green (69%)
- Blue (87%)



- Red (0%)
- Yellow (38%)
- Blue (87%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278235101 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 4278235101 by changing the saturation by 10% instead.

 4278235101

 4278235101

4294967295

 4278228161

 4285130751

 4278221478

 4287299583

 4278215051

 4289396735

 4278208882

 4291428351

 4278203225

 4293525503

 4278198081

 4278190891

 4278190357

 4278190080

■ 4278235101

■ 4279678173

■ 4281120989

■ 4282564061

■ 4284006877

■ 4285515485

■ 4286958557

■ 4288401373

■ 4289844445

■ 4291287261

Harmonies

Analogous

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



4278236354



4278235101



4284917480

Triad

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



4278235101



4293100966



4288063841

Complementary

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



4278235101



4292685312

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.



4290486105



4278235101



4293232770

Square

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



4278235101



4291595720



4292252262



4285313402

Rectangle

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



4278235101



4287602405



4292252262



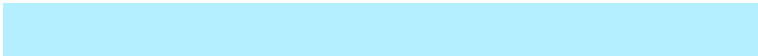
4288915036

Sweetspot

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



4278235101



4289982463



4278246700



4283594368



4278190080



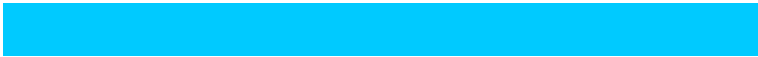
4286611584

Same Dimension

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



4278235101



4278242047



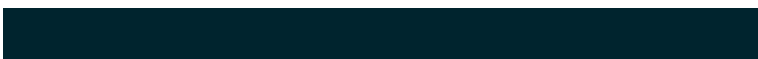
4278207197



4284705646



4278225325



4278199342

Inverse Universe

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



4292673711



4294901962



4292713216



4285424491



4289527945



4281204772

Previews

White Background



This preview shows how the Android color 4278235101 looks on a white background.

Color Contrast Check

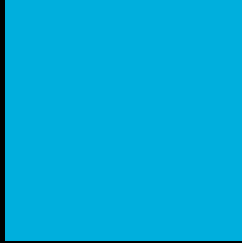
Large Text (above 18pt) WCAG AA × Fail

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 4278235101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

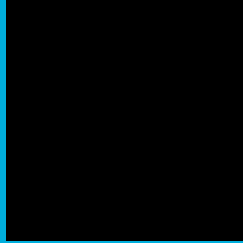
Any Text WCAG AA ✓ Pass

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 4278235101 Background



This preview shows how black text looks on a background with the Android color 4278235101.

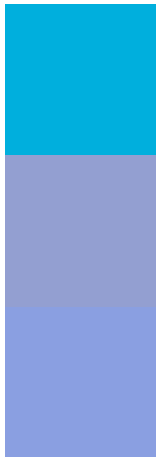


This preview shows how white text looks on a background with the Android color 4278235101.

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](#).

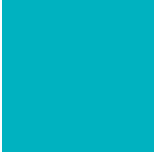
Dichromacy



Original Color
4278235101

Protanopia
4287864785

Deuteranopia
4287274977



Tritanopia
4278235840

Trichromacy



Original Color
4278235101



Protanomaly
4284392917



Deuteranomaly
4283999712



Tritanomaly
4278235595

Monochromacy



Original Color
4278235101



Achromatopsia
4286611584



Achromatomaly
4283535778

CSS Examples

Text

The CSS property to change the color of the text to Android 4278235101 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, 175, 221)` looks like.

```
.text, #text, p{  
    color:rgb(0, 175, 221)  
}
```

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, 175, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 175, 221) }
```

Border

The CSS property to change the border of an element to Android 4278235101 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, 175, 221) }
```

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

```
.border{ border-color:rgb(0, 175, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 175, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 175, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 175, 221);  
box-shadow:4px 4px 4px 4px rgb(0, 175,  
221) }
```

Background

The CSS property to change the background color of an element to Android 4278235101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 175, 221) }
```

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

```
.background{ background-color: rgb(0, 175,  
221) }
```

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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