

Converting Colors

Android(4278243301)

Have a look what the booklet for
Android(4278243301) contains.

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Color

Android(4278243301)

Conversions

Conversions Part 1

Format	Color
Hex	00CFE5
RGB	0, 207, 229
RGB Percent	0%, 81%, 90%
CMY	1.0000, 0.1882, 0.1020
CMYK	1.00, 0.10, 0.00, 0.10
HSL	186°, 100%, 45%
HSV	186°, 100%, 90%
XYZ	36.4557, 50.2828, 81.9129
YIQ	147.6150, -130.4340, -37.0420

Conversions

Conversions Part 2

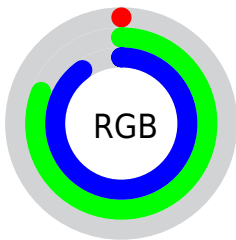
Format	Color
RYB	0, 109, 229
Decimal	53221
CIELab	76.24, -34.31, -22.86
CIELCh	76, 41.230, 213.671
Yxy	50.2828, 0.2162, 0.2981
Android (android.graphics.Color)	4278243301 (0xFF00CFE5)
YUV	147.6150, 40.1228, -129.4584
Hunter-Lab	70.9104, -32.3246, -18.8522

Details

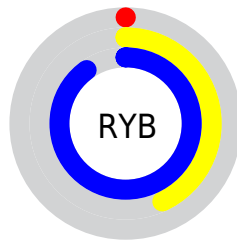
The Android color `4278243301` is a dark color, and the websafe version is hex `33CCCC`. The color can be described as middle washed cyan. A complement of this color would be `4293203456`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4285530111`, and `4278229166` is the 20% darker color. If you saturate the color by 10%, you get `4278243301`, and if you desaturate by 10%, it is `4279751141`.

Distribution



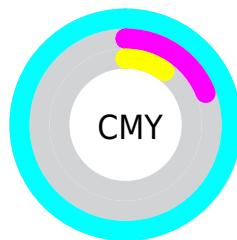
- Red (0%)
- Green (81%)
- Blue (90%)



- Red (0%)
- Yellow (43%)
- Blue (90%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278243301 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 4278243301 by changing the saturation by 10% instead.

 4278243301

 4278243301

4294967295

 4278236105

 4285530111


 4278229166

 4287692799

 4278222483

 4289855487

 4278215801

 4291952639

 4278209632

 4293984255

 4278203464

 4278198322

 4278190621

 4278190080

 4278243301

 4279751141

 4281258981

 4282767077

 4284274917

 4285782757

 4287225061

 4288732901

 4290240997

 4291748837

Harmonies

Analogous

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



4282634432



4278243301



4282829311

Triad

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



4278243301



4293960927



4291869551

Complementary

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



4278243301



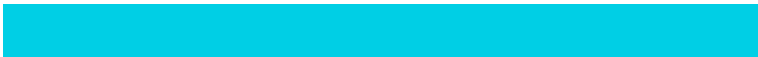
4293203456

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.



4294028921



4278243301



4294942393

Square

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



4278243301



4291277051



4294943636



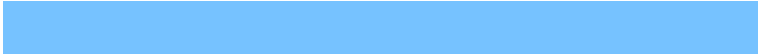
4289250939

Rectangle

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



4278243301



4285973247



4294943636



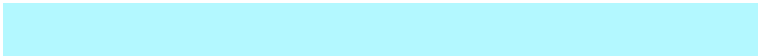
4292654960

Sweetspot

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



4278243301



4289984767



4278248723



4283595648



4278190080



4286611584

Same Dimension

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



4278243301



4278249471



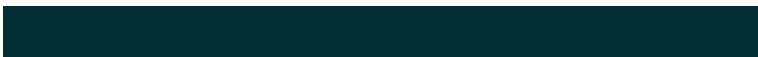
4278214629



4284969587



4278231475



4278201907

Inverse Universe

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



4293198031



4294901991



4293232128



4285753202



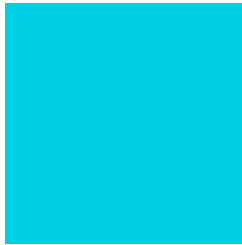
4289921185



4281532462

Previews

White Background



This preview shows how the Android color 4278243301 looks on a white background.

Color Contrast Check

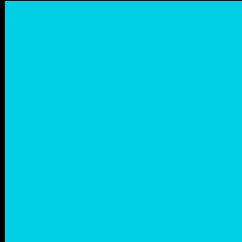
Large Text (above 18pt) WCAG AA × Fail

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 4278243301 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 4278243301 Background



This preview shows how black text looks on a background with the Android color 4278243301.

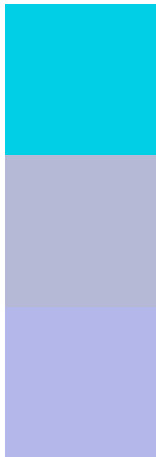


This preview shows how white text looks on a background with the Android color 4278243301.

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
4278243301

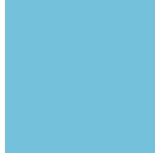
Protanopia
4290165206

Deuteranopia
4290033642

Trichromacy



Original Color
4278243301



Protanomaly
4285841883



Deuteranomaly
4285776104



Tritanomaly
4278243554

Monochromacy



Original Color
4278243301



Achromatopsia
4287927444



Achromatomaly
4284393905

CSS Examples

Text

The CSS property to change the color of the text to Android 4278243301 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, 207, 229)` looks like.

```
.text, #text, p{  
    color:rgb(0, 207, 229)  
}
```

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, 207, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 207, 229) }
```

Border

The CSS property to change the border of an element to Android 4278243301 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, 207, 229) }
```

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

```
.border{ border-color:rgb(0, 207, 229) }
```

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

Here you see how a box with a 4 pixel rgb(0, 207, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 207, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 207, 229);  
box-shadow:4px 4px 4px 4px rgb(0, 207,  
229) }
```

Background

The CSS property to change the background color of an element to Android 4278243301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 207, 229) }
```

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

```
.background{ background-color: rgb(0, 207,  
229) }
```

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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