

Converting Colors

Android(4278234051)

Have a look what the booklet for
Android(4278234051) contains.

Android(4278234051)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278234051)

Conversions

Conversions Part 1

Format	Color
Hex	00ABC3
RGB	0, 171, 195
RGB Percent	0%, 67%, 76%
CMY	1.0000, 0.3294, 0.2353
CMYK	1.00, 0.12, 0.00, 0.24
HSL	187°, 100%, 38%
HSV	187°, 100%, 76%
XYZ	24.4132, 33.0660, 56.7254
YIQ	122.6070, -109.6200, -28.7880

Conversions

Conversions Part 2

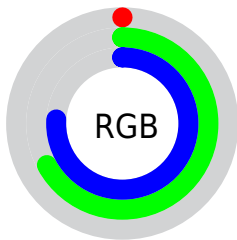
Format	Color
RYB	0, 91, 195
Decimal	43971
CIELab	64.21, -27.92, -22.63
CIELCh	64, 35.937, 219.027
Yxy	33.0660, 0.2138, 0.2895
Android (android.graphics.Color)	4278234051 (0xFF00ABC3)
YUV	122.6070, 35.6897, -107.5263
Hunter-Lab	57.5030, -24.8470, -18.2361

Details

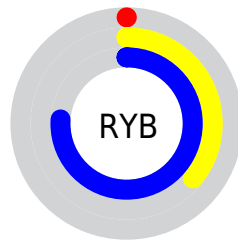
The Android color `4278234051` is a dark color, and the websafe version is hex `339999`. The color can be described as dark washed azure. A complement of this color would be `4290975744`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4284802044`, and `4278220429` is the 20% darker color. If you saturate the color by 10%, you get `4278234051`, and if you desaturate by 10%, it is `4279479747`.

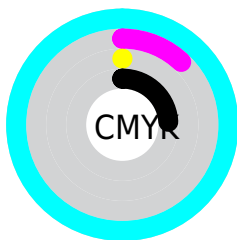
Distribution



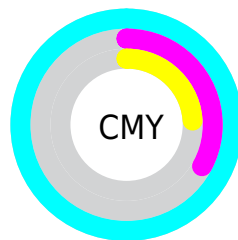
- Red (0%)
- Green (67%)
- Blue (76%)



- Red (0%)
- Yellow (36%)
- Blue (76%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278234051 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 4278234051 by changing the saturation by 10% instead.

 4278234051

 4278234051

4294967295

 4278227112

 4284802044

 4278220429

 4286906367

 4278214004

 4288937983

 4278207835

 4290969599

 4278201923

 4293001215

 4278196525

 4278190360

 4278190080

 4278234051

 4279479747

 4280791235

 4282102467

 4283348419

 4284659651

 4285905347

 4287151299

 4288462531

 4289774019

Harmonies

Analogous

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



4281118117



4278234051



4282623447

Triad

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



4278234051



4291593907



4289174875

Complementary

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



4278234051



4290975744

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.



4291072608



4278234051



4292510611

Square

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



4278234051



4289499342



4292249717



4286883433

Rectangle

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



4278234051



4285243355



4292249717



4289894747

Sweetspot

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



4278234051



4289852412



4278240023



4283595392



4278190080



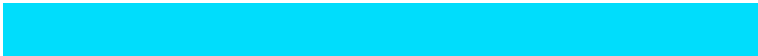
4286611584

Same Dimension

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



4278234051



4278246908



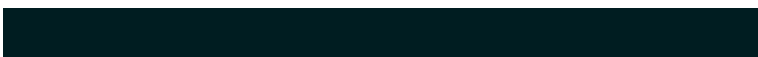
4278209475



4283916385



4278226337



4278197537

Inverse Universe

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



4290969771



4294705373



4291000320



4284569440



4288741517



4280352797

Previews

White Background



This preview shows how the Android color 4278234051 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 4278234051 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 4278234051 Background



This preview shows how black text looks on a background with the Android color 4278234051.



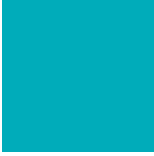
This preview shows how white text looks on a background with the Android color 4278234051.

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

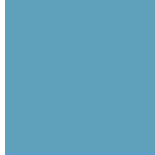




Trichromacy



Original Color
4278234051



Protanomaly
4284457147



Deuteranomaly
4284325830



Tritanomaly
4278234301

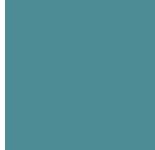
Monochromacy



Original Color
4278234051



Achromatopsia
4286282619



Achromatomaly
4283337877

CSS Examples

Text

The CSS property to change the color of the text to Android 4278234051 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, 171, 195)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 195)  
}
```

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, 171, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 195) }
```

Border

The CSS property to change the border of an element to Android 4278234051 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, 171, 195) }
```

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

```
.border{ border-color:rgb(0, 171, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 171, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 195);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
195) }
```

Background

The CSS property to change the background color of an element to Android 4278234051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 171, 195) }
```

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

```
.background{ background-color: rgb(0, 171,  
195) }
```

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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