

Converting Colors

Android(4278238441)

Have a look what the booklet for
Android(4278238441) contains.

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Color

Android(4278238441)

Conversions

Conversions Part 1

Format	Color
Hex	00BCE9
RGB	0, 188, 233
RGB Percent	0%, 74%, 91%
CMY	1.0000, 0.2627, 0.0863
CMYK	1.00, 0.19, 0.00, 0.09
HSL	192°, 100%, 46%
HSV	192°, 100%, 91%
XYZ	32.6912, 41.8496, 83.4456
YIQ	136.9180, -126.4930, -25.8610

Conversions

Conversions Part 2

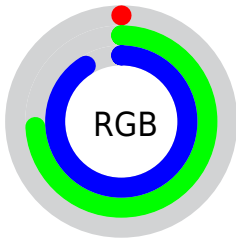
Format	Color
RYB	0, 104, 233
Decimal	48361
CIELab	70.77, -23.67, -33.43
CIELCh	71, 40.961, 234.692
Yxy	41.8496, 0.2069, 0.2649
Android (android.graphics.Color)	4278238441 (0xFF00BCE9)
YUV	136.9180, 47.3684, -120.0771
Hunter-Lab	64.6913, -23.0063, -31.1945

Details

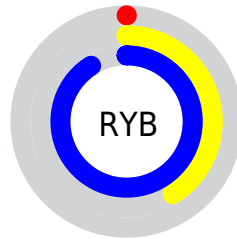
The Android color `4278238441` is a dark color, and the websafe version is hex `00CCFF`. The color can be described as middle washed azure. A complement of this color would be `4293471488`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4285396223`, and `4278224817` is the 20% darker color. If you saturate the color by 10%, you get `4278238441`, and if you desaturate by 10%, it is `4279747049`.

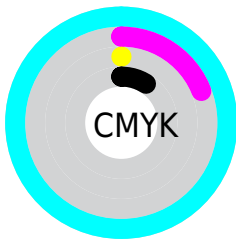
Distribution



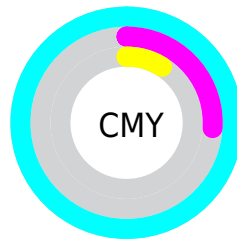
- Red (0%)
- Green (74%)
- Blue (91%)



- Red (0%)
- Yellow (41%)
- Blue (91%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (26%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278238441 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 4278238441 by changing the saturation by 10% instead.



4278238441



4278238441

4294967295



4278231501



4285396223



4278224817



4287627263



4278218134



4289724415



4278211964



4291756031



4278205795



4293853183



4278200139



4278192692



4278190622



4278190081

 4278238441

 4279747049

 4281320937

 4282829545

 4284337897

 4285912041

 4287420393

 4288929001

 4290437353

 4292011497

Harmonies

Analogous

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



4278239435



4278238441



4285051895

Triad

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



4278238441



4293955765



4289115240

Complementary

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



4278238441



4293471488

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.



4291537250



4278238441



4294283920

Square

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



4278238441



4292253913



4293368946



4286233729

Rectangle

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



4278238441



4287933429



4293368946



4289966436

Sweetspot

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



4278238441



4289982719



4278249771



4283594624



4278190080



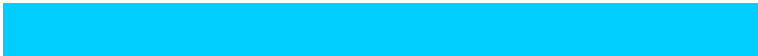
4286611584

Same Dimension

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



4278238441



4278243071



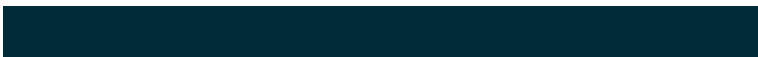
4278209257



4285166453



4278227637



4278201142

Inverse Universe

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



4293460156



4294901966



4293500672



4285885043



4290052242



4281729067

Previews

White Background



This preview shows how the Android color 4278238441 looks on a white background.

Color Contrast Check

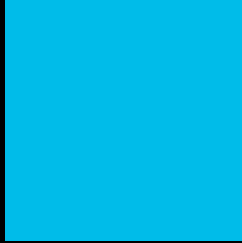
Large Text (above 18pt) WCAG AA × Fail

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 4278238441 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 4278238441 Background



This preview shows how black text looks on a background with the Android color 4278238441.

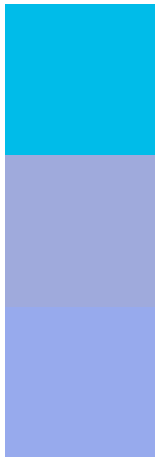


This preview shows how white text looks on a background with the Android color 4278238441.

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](#).

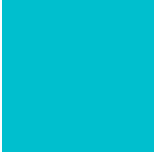
Dichromacy



Original Color
4278238441

Protanopia
4288654044

Deuteranopia
4288129773



Tritanopia
4278239182

Trichromacy



Original Color
4278238441



Protanomaly
4284854753



Deuteranomaly
4284527084



Tritanomaly
4278238936

Monochromacy



Original Color
4278238441



Achromatopsia
4287203721



Achromatomaly
4283931820

CSS Examples

Text

The CSS property to change the color of the text to Android 4278238441 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, 188, 233)` looks like.

```
.text, #text, p{  
    color:rgb(0, 188, 233)  
}
```

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, 188, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 188, 233) }
```

Border

The CSS property to change the border of an element to Android 4278238441 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, 188, 233) }
```

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

```
.border{ border-color:rgb(0, 188, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 188, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 188, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 188, 233);  
box-shadow:4px 4px 4px 4px rgb(0, 188,  
233) }
```

Background

The CSS property to change the background color of an element to Android 4278238441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 188, 233) }
```

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

```
.background{ background-color: rgb(0, 188,  
233) }
```

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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