

Converting Colors

Android(4278245871)

Have a look what the booklet for
Android(4278245871) contains.

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Color

Android(4278245871)

Conversions

Conversions Part 1

Format	Color
Hex	00D9EF
RGB	0, 217, 239
RGB Percent	0%, 85%, 94%
CMY	1.0000, 0.1490, 0.0627
CMYK	1.00, 0.09, 0.00, 0.06
HSL	186°, 100%, 47%
HSV	186°, 100%, 94%
XYZ	40.3928, 55.8577, 90.3140
YIQ	154.6250, -136.3940, -39.1620

Conversions

Conversions Part 2

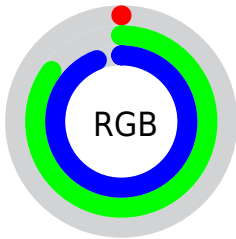
Format	Color
RYB	0, 114, 239
Decimal	55791
CIELab	79.53, -35.86, -23.20
CIELCh	80, 42.714, 212.904
Yxy	55.8577, 0.2165, 0.2994
Android (android.graphics.Color)	4278245871 (0xFF00D9EF)
YUV	154.6250, 41.5969, -135.6061
Hunter-Lab	74.7380, -34.3196, -19.3299

Details

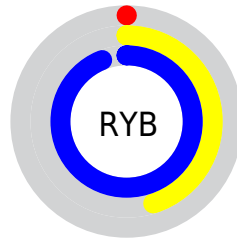
The Android color **4278245871** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **4293858816**, and the grayscale version is **4288322202**.

A 20% lighter version of the original color is **4285661183**, and **4278231735** is the 20% darker color. If you saturate the color by 10%, you get **4278245871**, and if you desaturate by 10%, it is **4279819247**.

Distribution



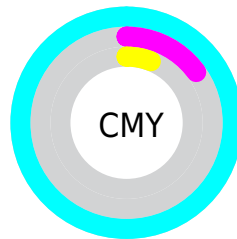
- Red (0%)
- Green (85%)
- Blue (94%)



- Red (0%)
- Yellow (45%)
- Blue (94%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278245871 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 4278245871 by changing the saturation by 10% instead.

 4278245871

 4278245871

4294967295

 4278238675

 4285661183

 4278231735

 4287954943

 4278224796

 4290117631

 4278218114

 4292214783

 4278211689

 4294311935

 4278205521

 4278200121

 4278190628

 4278190092

 4278245871

 4279819247

 4281392623

 4282966255

 4284539631

 4286047471

 4287620847

 4289194223

 4290767855

 4292341231

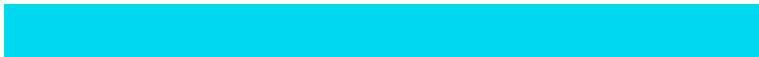
Harmonies

Analogous

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



4282964680



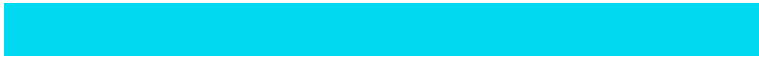
4278245871



4282897407

Triad

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



4278245871



4294618346



4292592757

Complementary

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



4278245871



4293858816

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.



4294817407



4278245871



4294944451

Square

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



4278245871



4291803647



4294945436



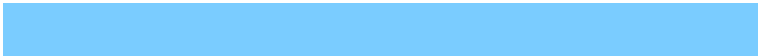
4289843329

Rectangle

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



4278245871



4286237951



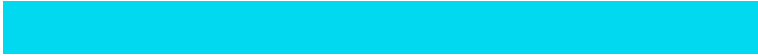
4294945436



4293443446

Sweetspot

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



4278245871



4289984767



4278251284



4283595648



4278190080



4286611584

Same Dimension

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



4278245871



4278249727



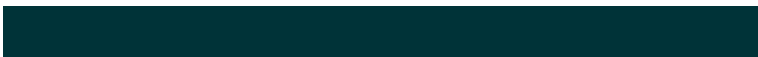
4278215919



4285298552



4278233016



4278203192

Inverse Universe

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



4293853401



4294901992



4293888768



4286082167



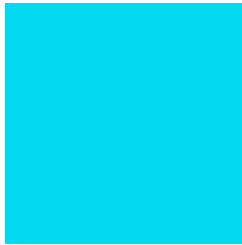
4290248871



4281860147

Previews

White Background



This preview shows how the Android color 4278245871 looks on a white background.

Color Contrast Check

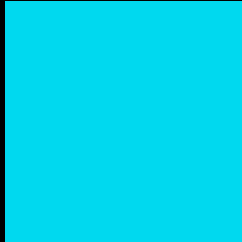
Large Text (above 18pt) WCAG AA × Fail

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 4278245871 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 4278245871 Background



This preview shows how black text looks on a background with the Android color 4278245871.

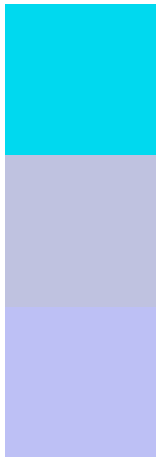


This preview shows how white text looks on a background with the Android color 4278245871.

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](#).

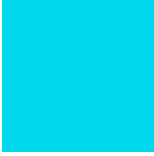
Dichromacy



Original Color
4278245871

Protanopia
4290757344

Deuteranopia
4290625781

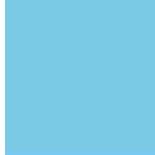


Tritanopia
4278245867

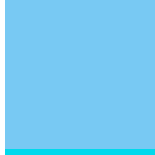
Trichromacy



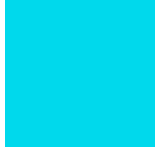
Original Color
4278245871



Protanomaly
4286237413



Deuteranomaly
4286106099

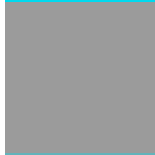


Tritanomaly
4278245868

Monochromacy



Original Color
4278245871



Achromatopsia
4288387995



Achromatomaly
4284723898

CSS Examples

Text

The CSS property to change the color of the text to Android 4278245871 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, 217, 239)` looks like.

```
.text, #text, p{  
    color:rgb(0, 217, 239)  
}
```

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, 217, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 217, 239) }
```

Border

The CSS property to change the border of an element to Android 4278245871 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, 217, 239) }
```

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

```
.border{ border-color:rgb(0, 217, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 217, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 217, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 217, 239);  
box-shadow:4px 4px 4px 4px rgb(0, 217,  
239) }
```

Background

The CSS property to change the background color of an element to Android 4278245871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 217, 239) }
```

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

```
.background{ background-color: rgb(0, 217,  
239) }
```

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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