

Converting Colors

Android(4279023317)

Have a look what the booklet for
Android(4279023317) contains.

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Color

Android(4279023317)

Conversions

Conversions Part 1

Format	Color
Hex	0CB6D5
RGB	12, 182, 213
RGB Percent	5%, 71%, 84%
CMY	0.9529, 0.2863, 0.1647
CMYK	0.94, 0.15, 0.00, 0.16
HSL	189°, 89%, 44%
HSV	189°, 94%, 84%
XYZ	28.8898, 38.3382, 68.8281
YIQ	134.7040, -111.2710, -26.3990

Conversions

Conversions Part 2

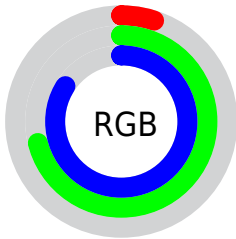
Format	Color
RYB	12, 104, 213
Decimal	833237
CIELab	68.27, -27.05, -26.35
CIELCh	68, 37.764, 224.254
Yxy	38.3382, 0.2123, 0.2818
Android (android.graphics.Color)	4279023317 (0xFF0CB6D5)
YUV	134.7040, 38.5999, -107.6114
Hunter-Lab	61.9178, -25.0711, -22.5646

Details

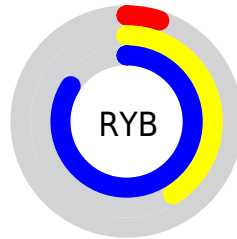
The Android color `4279023317` is a dark color, and the websafe version is hex `00CCFF`. The color can be described as middle washed azure. A complement of this color would be `4292160268`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4285263615`, and `4278223262` is the 20% darker color. If you saturate the color by 10%, you get `4278236373`, and if you desaturate by 10%, it is `4280400341`.

Distribution



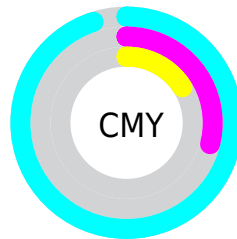
- Red (5%)
- Green (71%)
- Blue (84%)



- Red (5%)
- Yellow (41%)
- Blue (84%)



- Cyan (94%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)



- Cyan (95%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279023317 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 4279023317 by changing the saturation by 10% instead.



4279023317



4279023317

4294967295



4278229945



4285263615



4278223262



4287365119



4278216580



4289462271



4278210411



4291493887



4278204498



4293525503



4278199099



4278190630



4278190350



4278190080

■ 4279023317

■ 4279023317

■ 4278236373

■ 4280400341

■ 4281843157

■ 4283220181

■ 4284597205

■ 4285974229

■ 4287417045

■ 4288794069

■ 4290171093

■ 4291613909

Harmonies

Analogous

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



4280662454



4279023317



4283740135

Triad

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



4279023317



4292775610



4289571427

Complementary

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



4279023317



4292160268

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.



4291599973



4279023317



4293495959

Square

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



4279023317



4290746584



4293038968



4287083124

Rectangle

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



4279023317



4286425322



4293038968



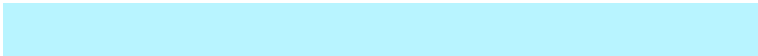
4290291298

Sweetspot

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



4279023317



4290311423



4279031082



4283726208



4278190080



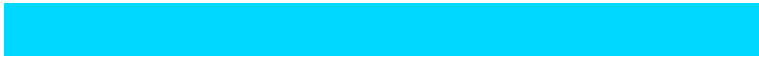
4286611584

Same Dimension

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



4279023317



4278245631



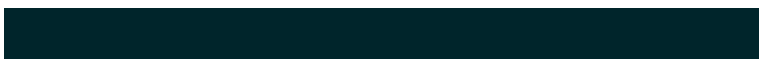
4278997717



4284508523



4278227371



4278199595

Inverse Universe

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



4292152502



4294901976



4292185868



4285227113



4289396881



4281008165

Previews

White Background



This preview shows how the Android color 4279023317 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 4279023317 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 4279023317 Background



This preview shows how black text looks on a background with the Android color 4279023317.

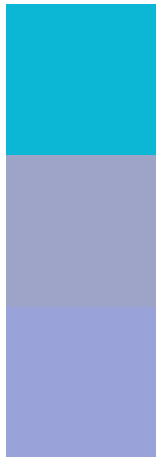


This preview shows how white text looks on a background with the Android color 4279023317.

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](#).

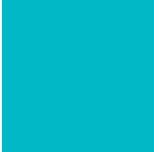
Dichromacy



Original Color
4279023317

Protanopia
4288521416

Deuteranopia
4288259033



Tritanopia
4278237382

Trichromacy



Original Color
4279023317



Protanomaly
4285049805



Deuteranomaly
4284918488



Tritanomaly
4278499275

Monochromacy



Original Color
4279023317



Achromatopsia
4287072135



Achromatomaly
4284127395

CSS Examples

Text

The CSS property to change the color of the text to Android 4279023317 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(12, 182, 213)` looks like.

```
.text, #text, p{  
    color:rgb(12, 182, 213)  
}
```

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(12, 182, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 182, 213) }
```

Border

The CSS property to change the border of an element to Android 4279023317 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(12, 182, 213) }
```

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

```
.border{ border-color:rgb(12, 182, 213) }
```

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

Here you see how a box with a 4 pixel rgb(12, 182, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 182, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 182, 213);  
box-shadow:4px 4px 4px 4px rgb(12, 182,  
213) }
```

Background

The CSS property to change the background color of an element to Android 4279023317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 182, 213) }
```

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

```
.background{ background-color: rgb(12, 182,  
213) }
```

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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