

Converting Colors

Android(4279030271)

Have a look what the booklet for
Android(4279030271) contains.

Android(4279030271)	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(4279030271)

Conversions

Conversions Part 1

Format	Color
Hex	0CD1FF
RGB	12, 209, 255
RGB Percent	5%, 82%, 100%
CMY	0.9529, 0.1804, 0.0000
CMYK	0.95, 0.18, 0.00, 0.00
HSL	191°, 100%, 52%
HSV	191°, 95%, 100%
XYZ	41.0021, 52.8991, 102.6573
YIQ	155.3410, -132.1780, -27.4580

Conversions

Conversions Part 2

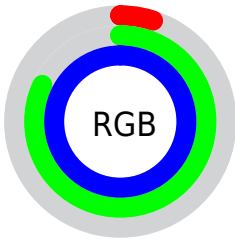
Format	Color
RYB	12, 121, 255
Decimal	840191
CIELab	77.82, -26.58, -34.36
CIELCh	78, 43.442, 232.278
Yxy	52.8991, 0.2086, 0.2691
Android (android.graphics.Color)	4279030271 (0xFF0CD1FF)
YUV	155.3410, 49.1319, -125.7101
Hunter-Lab	72.7318, -26.6523, -32.7726

Details

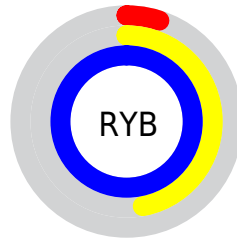
The Android color `4279030271` is a light color, and the websafe version is hex `00CCFF`. The color can be described as light saturated cyan. A complement of this color would be `4294916620`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4285923327`, and `4278229702` is the 20% darker color. If you saturate the color by 10%, you get `4278243327`, and if you desaturate by 10%, it is `4280735487`.

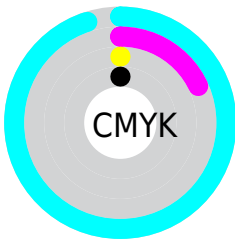
Distribution



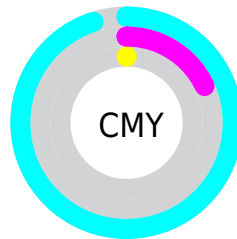
- Red (5%)
- Green (82%)
- Blue (100%)



- Red (5%)
- Yellow (47%)
- Blue (100%)



- Cyan (95%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (95%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279030271 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 4279030271 by changing the saturation by 10% instead.

 4279030271

 4279030271

4294967295

 4278236642

 4285923327

 4278229702

 4288151551

 4278223019

 4290314239

 4278216592

 4292411391

 4278210166

 4294574079

 4278204253

 4278199109

 4278191151

 4278190361

■ 4279030271

■ 4279030271

■ 4278243327

■ 4280735487

■ 4282375167

■ 4284080127

■ 4285719807

■ 4287425023

■ 4289064703

■ 4290769919

■ 4292409599

■ 4294114559

Harmonies

Analogous

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



4278244830



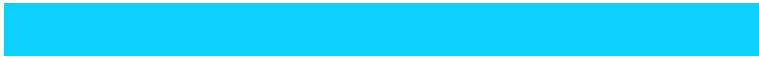
4279030271



4285647103

Triad

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



4279030271



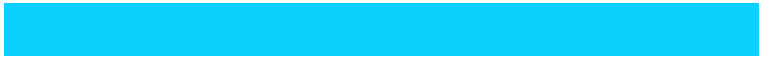
4294943436



4290561908

Complementary

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



4279030271



4294916620

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.



4293180016



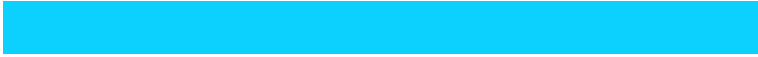
4279030271



4294943396

Square

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



4279030271



4293503986



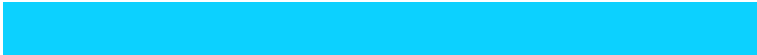
4294945922



4287484046

Rectangle

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



4279030271



4288724991



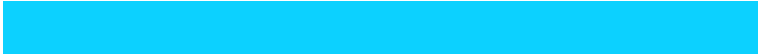
4294945922



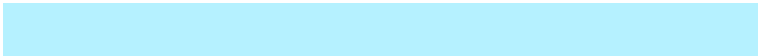
4291478384

Sweetspot

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



4279030271



4290114047



4279041849



4283660160



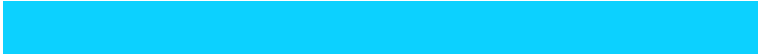
4278190080



4286611584

Same Dimension

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



4279030271



4278243327



4278999551



4285758848



4278229951



4278203456

Inverse Universe

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



4294905041



4294901967



4294947340



4286608253



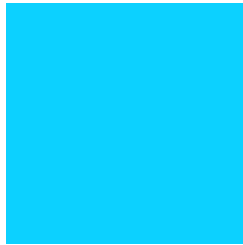
4290707611



4282384436

Previews

White Background



This preview shows how the Android color 4279030271 looks on a white background.

Color Contrast Check

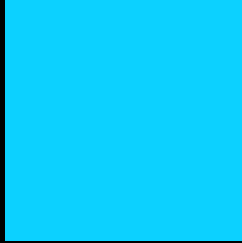
Large Text (above 18pt) WCAG AA × Fail

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 4279030271 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 4279030271 Background



This preview shows how black text looks on a background with the Android color 4279030271.

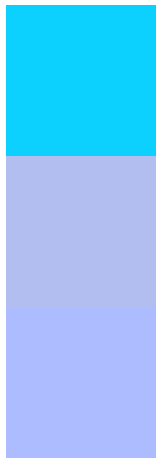


This preview shows how white text looks on a background with the Android color 4279030271.

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
4279030271

Protanopia
4289904112

Deuteranopia
4289510655



Tritanopia
4278244581

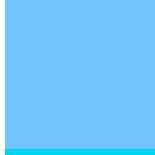
Trichromacy



Original Color
4279030271



Protanomaly
4285973749



Deuteranomaly
4285711615



Tritanomaly
4278506478

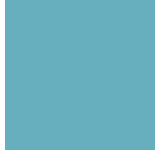
Monochromacy



Original Color
4279030271



Achromatopsia
4288387995



Achromatomaly
4284985279

CSS Examples

Text

The CSS property to change the color of the text to Android 4279030271 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, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(12, 209, 255)  
}
```

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, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 209, 255) }
```

Border

The CSS property to change the border of an element to Android 4279030271 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, 209, 255) }
```

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

```
.border{ border-color:rgb(12, 209, 255) }
```

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

Here you see how a box with a 4 pixel rgb(12, 209, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(12, 209,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4279030271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 209, 255) }
```

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

```
.background{ background-color: rgb(12, 209,  
255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor