

# Converting Colors

Android(4279090431)

Have a look what the booklet for  
Android(4279090431) contains.

<b>Android(4279090431)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4279090431)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0DBCFF
RGB	13, 188, 255
RGB Percent	5%, 74%, 100%
CMY	0.9490, 0.2627, 0.0000
CMYK	0.95, 0.26, 0.00, 0.00
HSL	197°, 100%, 53%
HSV	197°, 95%, 100%
XYZ	36.1992, 43.2720, 101.0522
YIQ	143.3130, -125.8070, -16.2630

# Conversions

## Conversions Part 2

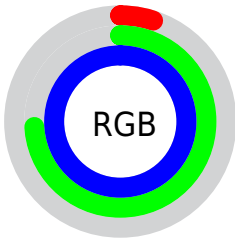
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 115, 255
Decimal	900351
CIELab	71.74, -15.76, -43.81
CIELCh	72, 46.558, 250.219
Yxy	43.2720, 0.2005, 0.2397
Android (android.graphics.Color)	4279090431 (0xFF0DBCFF)
YUV	143.3130, 55.0617, -114.2845
Hunter-Lab	65.7815, -16.8899, -45.0331

# Details

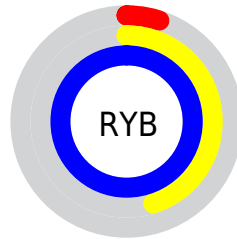
The Android color `4279090431` is a dark color, and the websafe version is hex `33CCFF`. The color can be described as middle saturated azure. A complement of this color would be `4294922253`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4285789439`, and `4278224838` is the 20% darker color. If you saturate the color by 10%, you get `4278237439`, and if you desaturate by 10%, it is `4280796159`.

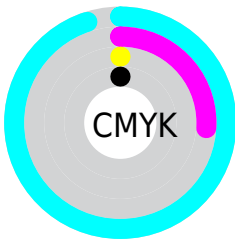
# Distribution



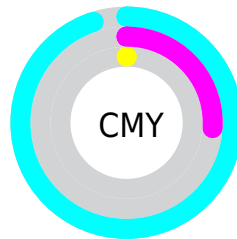
- Red (5%)
- Green (74%)
- Blue (100%)



- Red (5%)
- Yellow (45%)
- Blue (100%)



- Cyan (95%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (95%)
- Magenta (26%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279090431 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 4279090431 by changing the saturation by 10% instead.



 4279090431

 4279090431

4294967295

 4278231522

 4285789439

 4278224838

 4288020479

 4278218410

 4290183167

 4278211984

 4292280319

 4278206070

 4294377471

 4278200669

 4278194757

 4278190894

 4278190360

■ 4279090431

■ 4279090431

■ 4278237439

■ 4280796159

■ 4282436351

■ 4284142079

■ 4285782271

■ 4287487999

■ 4289128191

■ 4290833919

■ 4292474111

■ 4294180095

# Harmonies

## Analogous

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



4278240485



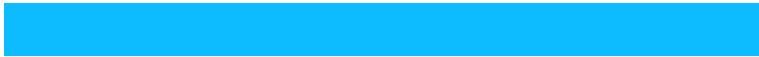
4279090431



4287016959

# Triad

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



4279090431



4294938019



4287544685

# Complementary

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



4279090431



4294922253

# 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.



4290556506



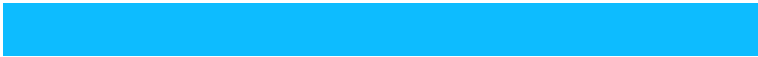
4279090431



4294612347

# Square

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



4279090431



4293956046



4293043040



4283679890

# Rectangle

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



4279090431



4290029049



4293043040



4288592484

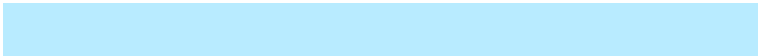


# Sweetspot

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



4279090431



4290309119



4279107406



4283724672



4278190080



4286611584

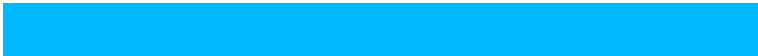


# Same Dimension

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



4279090431



4278237439



4279059967



4285758592



4278225599



4278201920



# Inverse Universe

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



4294905276



4294901944



4294952717



4286608252



4290707594

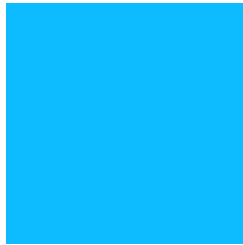


4282384430



# Previews

## White Background



This preview shows how the Android color 4279090431 looks on a white background.

## Color Contrast Check

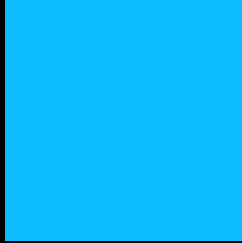
Large Text (above 18pt) WCAG AA × Fail

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 4279090431 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

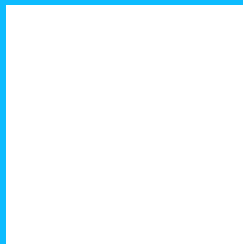
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279090431 Background



This preview shows how black text looks on a background with the Android color 4279090431.



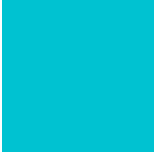
This preview shows how white text looks on a background with the Android color 4279090431.

# 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





**Tritanopia**  
4278239953

# Trichromacy



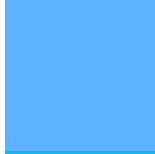
**Original Color**

4279090431



**Protanomaly**

4284920567



**Deuteranomaly**

4284396287



**Tritanomaly**

4278567138

# Monochromacy



**Original Color**

4279090431



**Achromatopsia**

4287598479



**Achromatomaly**

4284522424

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279090431 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(13, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(13, 188, 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(13, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 188, 255) }
```

## Border

The CSS property to change the border of an element to Android 4279090431 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(13, 188, 255) }
```

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

```
.border{ border-color:rgb(13, 188, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(13, 188,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4279090431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 188, 255) }
```

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

```
.background{ background-color: rgb(13, 188,  
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](#).



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