

# Converting Colors

Android(4279224295)

Have a look what the booklet for  
Android(4279224295) contains.

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# **Color**

**Android(4279224295)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0FC7E7
RGB	15, 199, 231
RGB Percent	6%, 78%, 91%
CMY	0.9412, 0.2196, 0.0941
CMYK	0.94, 0.14, 0.00, 0.09
HSL	189°, 88%, 48%
HSV	189°, 94%, 91%
XYZ	35.0442, 46.7179, 82.7717
YIQ	147.6320, -119.9360, -29.0560

# Conversions

## Conversions Part 2

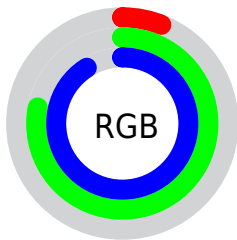
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 114, 231
Decimal	1034215
CIELab	74.01, -29.44, -27.34
CIELCh	74, 40.177, 222.889
Yxy	46.7179, 0.2130, 0.2839
Android (android.graphics.Color)	4279224295 (0xFF0FC7E7)
YUV	147.6320, 41.1004, -116.3183
Hunter-Lab	68.3505, -28.0940, -23.9542

# Details

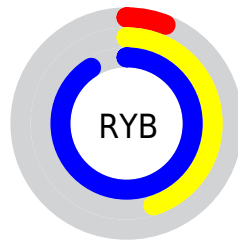
The Android color `4279224295` is a dark color, and the websafe version is hex `00CCFF`. The color can be described as middle washed cyan. A complement of this color would be `4293340943`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4285595647`, and `4278227375` is the 20% darker color. If you saturate the color by 10%, you get `4278240743`, and if you desaturate by 10%, it is `4280732391`.

# Distribution



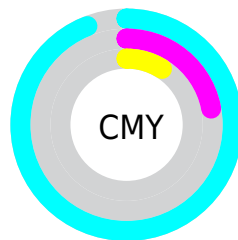
- Red (6%)
- Green (78%)
- Blue (91%)



- Red (6%)
- Yellow (45%)
- Blue (91%)



- Cyan (94%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (94%)
- Magenta (22%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279224295 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 4279224295 by changing the saturation by 10% instead.





4279224295



4279224295

4294967295



4278234059



4285595647



4278227375



4287823871



4278220693



4289921023



4278214267



4292018175



4278208098



4294049791



4278202186



4278196531



4278190622



4278190080

■ 4279224295

■ 4279224295

■ 4278240743

■ 4280732391

■ 4282240743

■ 4283748839

■ 4285257191

■ 4286830823

■ 4288339175

■ 4289847271

■ 4291355367

■ 4292863719

# Harmonies

## Analogous

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



4281256645



4279224295



4284072188

# Triad

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



4279224295



4294024397



4290689389

# Complementary

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



4279224295



4293340943

# 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.



4292914288



4279224295



4294875559

# Square

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



4279224295



4291733484



4294418565



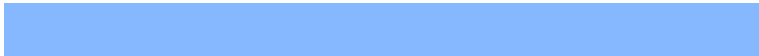
4288004735

# Rectangle

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



4279224295



4287019263



4294418565



4291540331

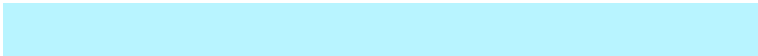


# Sweetspot

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



4279224295



4290311423



4279232300



4283726208



4278190080



4286611584



# Same Dimension

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



4279224295



4278245887



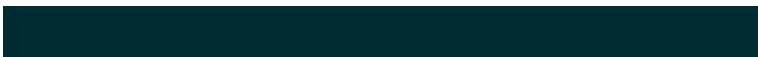
4279197415



4284969331



4278229171



4278201139



# Inverse Universe

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



4293332935



4294901977



4293367823



4285753201



4289921176

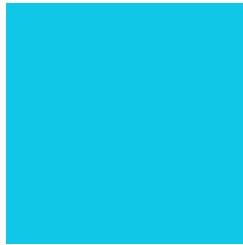


4281532459



# Previews

## White Background



This preview shows how the Android color 4279224295 looks on a white background.

## Color Contrast Check

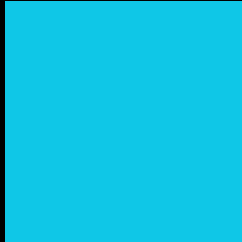
Large Text (above 18pt) WCAG AA × Fail

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 4279224295 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 4279224295 Background



This preview shows how black text looks on a background with the Android color 4279224295.

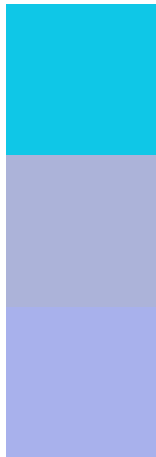


This preview shows how white text looks on a background with the Android color 4279224295.

# 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](#).

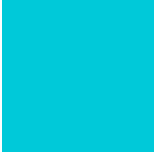
## Dichromacy



**Original Color**  
4279224295

**Protanopia**  
4289508313

**Deuteranopia**  
4289245676



**Tritanopia**  
4278241753

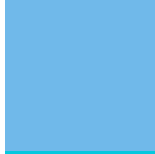
# Trichromacy



**Original Color**  
4279224295



**Protanomaly**  
4285774558



**Deuteranomaly**  
4285577706



**Tritanomaly**  
4278569182

# Monochromacy



**Original Color**  
4279224295



**Achromatopsia**  
4287927444



**Achromatomaly**  
4284786610

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279224295 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(15, 199, 231)` looks like.

```
.text, #text, p{  
    color:rgb(15, 199, 231)  
}
```

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(15, 199, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 199, 231) }
```

## Border

The CSS property to change the border of an element to Android 4279224295 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(15, 199, 231) }
```

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

```
.border{ border-color:rgb(15, 199, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 199, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 199, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 199, 231);  
box-shadow:4px 4px 4px 4px rgb(15, 199,  
231) }
```

# Background

The CSS property to change the background color of an element to Android 4279224295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 199, 231) }
```

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

```
.background{ background-color: rgb(15, 199,  
231) }
```

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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