

# Converting Colors

Android(4279025124)

Have a look what the booklet for  
Android(4279025124) contains.

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# **Color**

**Android(4279025124)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0CBDE4
RGB	12, 189, 228
RGB Percent	5%, 74%, 89%
CMY	0.9529, 0.2588, 0.1059
CMYK	0.95, 0.17, 0.00, 0.11
HSL	191°, 90%, 47%
HSV	191°, 95%, 89%
XYZ	32.3528, 42.0748, 79.8149
YIQ	140.5230, -118.0110, -25.3950

# Conversions

## Conversions Part 2

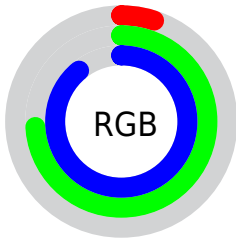
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 109, 228
Decimal	835044
CIE <sub>Lab</sub>	70.92, -25.56, -30.47
CIE <sub>LCh</sub>	71, 39.765, 230.007
Yxy	42.0748, 0.2098, 0.2728
Android (android.graphics.Color)	4279025124 (0xFF0CBDE4)
YUV	140.5230, 43.1262, -112.7147
Hunter-Lab	64.8651, -24.4833, -27.5493

# Details

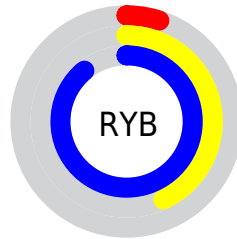
The Android color `4279025124` is a dark color, and the websafe version is hex `00CCFF`. The color can be described as middle washed azure. A complement of this color would be `4293145356`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4285462015`, and `4278224812` is the 20% darker color. If you saturate the color by 10%, you get `4278238180`, and if you desaturate by 10%, it is `4280533476`.

# Distribution



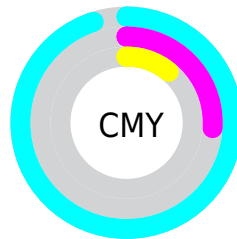
- Red (5%)
- Green (74%)
- Blue (89%)



- Red (5%)
- Yellow (43%)
- Blue (89%)



- Cyan (95%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (95%)
- Magenta (26%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279025124 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 4279025124 by changing the saturation by 10% instead.



 4279025124

 4279025124

4294967295

 4278231752

 4285462015

 4278224812

 4287627263

 4278218386

 4289724415

 4278211960

 4291821567

 4278206047

 4293853183

 4278200391

 4278192689

 4278190363

 4278190080

■ 4279025124

■ 4279025124

■ 4278238180

■ 4280533476

■ 4282041828

■ 4283484644

■ 4284992996

■ 4286501604

■ 4288009956

■ 4289518308

■ 4290961124

■ 4292469476

# Harmonies

## Analogous

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



4278763973



4279025124



4284593652

# Triad

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



4279025124



4293694139



4289573736

# Complementary

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



4279025124



4293145356

# 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.



4291864422



4279025124



4294218391

# Square

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



4279025124



4291795932



4293499768



4286823294

# Rectangle

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



4279025124



4287409653



4293499768



4290359141

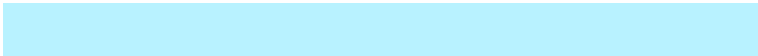


# Sweetspot

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



4279025124



4290310911



4279034928



4283725952



4278190080



4286611584

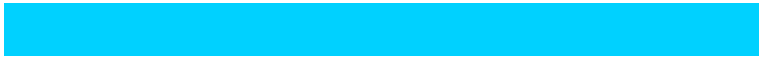


# Same Dimension

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



4279025124



4278243839



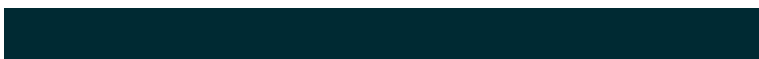
4278998244



4284969331



4278227635



4278200883



# Inverse Universe

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



4293135549



4294901969



4293172236



4285753201



4289921170

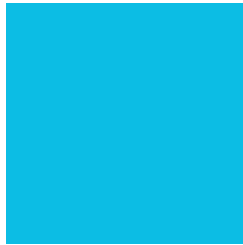


4281532458



# Previews

## White Background



This preview shows how the Android color 4279025124 looks on a white background.

## Color Contrast Check

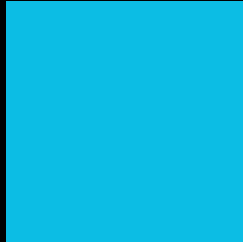
Large Text (above 18pt) WCAG AA × Fail

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 4279025124 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

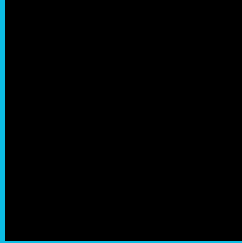
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4279025124 Background



This preview shows how black text looks on a background with the Android color 4279025124.



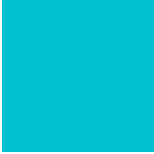
This preview shows how white text looks on a background with the Android color 4279025124.

# 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**  
4278239439

# Trichromacy



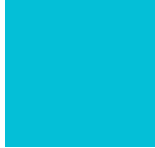
**Original Color**  
4279025124



**Protanomaly**  
4285247964



**Deuteranomaly**  
4284985831



**Tritanomaly**  
4278501335

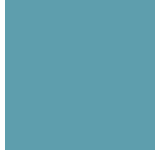
# Monochromacy



**Original Color**  
4279025124



**Achromatopsia**  
4287466893



**Achromatomaly**  
4284391085

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279025124 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, 189, 228)` looks like.

```
.text, #text, p{  
    color:rgb(12, 189, 228)  
}
```

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, 189, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 189, 228) }
```

## Border

The CSS property to change the border of an element to Android 4279025124 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, 189, 228) }
```

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

```
.border{ border-color:rgb(12, 189, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 189, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 189, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 189, 228);  
box-shadow:4px 4px 4px 4px rgb(12, 189,  
228) }
```

# Background

The CSS property to change the background color of an element to Android 4279025124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 189, 228) }
```

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

```
.background{ background-color: rgb(12, 189,  
228) }
```

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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