

# Converting Colors

Android(4280877001)

Have a look what the booklet for  
Android(4280877001) contains.

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# **Color**

**Android(4280877001)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 28FFC9                        |
| RGB         | 40, 255, 201                  |
| RGB Percent | 16%, 100%, 79%                |
| CMY         | 0.8431, 0.0000, 0.2118        |
| CMYK        | 0.84, 0.00, 0.21, 0.00        |
| HSL         | 165°, 100%, 58%               |
| HSV         | 165°, 84%, 100%               |
| XYZ         | 47.1777, 76.1882, 67.4776     |
| YIQ         | 184.5590, -110.8060, -62.3740 |

# Conversions

## Conversions Part 2

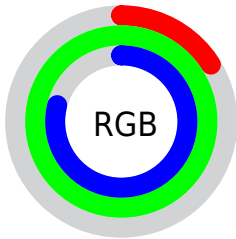
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 40, 163, 255                   |
| Decimal                             | 2686921                        |
| CIELab                              | 89.95, -60.78, 12.15           |
| CIELCh                              | 90, 61.984, 168.694            |
| Yxy                                 | 76.1882, 0.2472,<br>0.3992     |
| Android<br>(android.graphics.Color) | 4280877001<br>(0xFF28FFC9)     |
| YUV                                 | 184.5590, 8.1054,<br>-126.7782 |
| Hunter-Lab                          | 87.2858, -56.2716,<br>15.2651  |

# Details

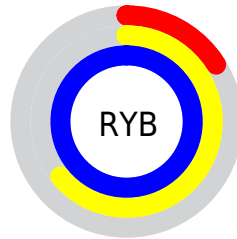
The Android color `4280877001` is a light color, and the websafe version is hex `00FFCC`. The color can be described as light washed cyan. A complement of this color would be `4294912094`, and the grayscale version is `4290361785`.

A 20% lighter version of the original color is `4286513151`, and `4278240659` is the 20% darker color. If you saturate the color by 10%, you get `4279238595`, and if you desaturate by 10%, it is `4282580943`.

# Distribution



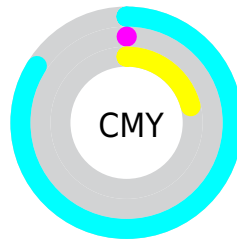
- Red (16%)
- Green (100%)
- Blue (79%)



- Red (16%)
- Yellow (64%)
- Blue (100%)



- Cyan (84%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)



- Cyan (84%)
- Magenta (0%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280877001 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 4280877001 by changing the saturation by 10% instead.



 4280877001

 4280877001

4294967295

 4278248110

 4286513151

 4278240659

 4288741375

 4278233465

 4290838527

 4278226272

 4292935679

 4278219593

 4278212914

 4278206493

 4278200325

 4278190080

■ 4280877001

■ 4280877001

■ 4279238595

■ 4282580943

■ 4278255551

■ 4284219350

■ 4285923292

■ 4287561699

■ 4289265641

■ 4290904047

■ 4292607990

■ 4294246396

4294967295

# Harmonies

## Analogous

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



4288542865



4280877001



4278255615

# Triad

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



4280877001



4290960383



4294951307

# Complementary

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



4280877001



4294912094

# 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.



4294947519



4280877001



4294952191

# Square

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



4280877001



4280283135



4294947835



4294956908

# Rectangle

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



4280877001



4278255359



4294947835



4294949787

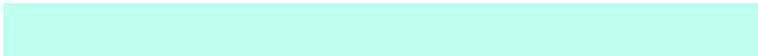


# Sweetspot

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



4280877001



4290772975



4284612392



4284055670



4278190080



4286611584



# Same Dimension

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



4280877001



4278255551



4280864255



4285759612



4278239119



4278206512



# Inverse Universe

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



4294912094



4294901824



4294924840



4286608246



4290707504

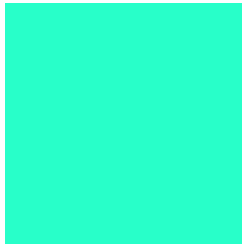


4282384400



# Previews

## White Background



This preview shows how the Android color 4280877001 looks on a white background.

## Color Contrast Check

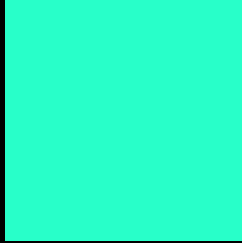
Large Text (above 18pt) WCAG AA × Fail

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 4280877001 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

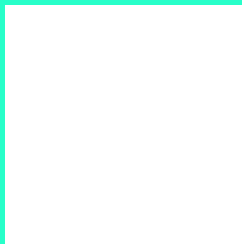
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280877001 Background



This preview shows how black text looks on a background with the Android color 4280877001.



This preview shows how white text looks on a background with the Android color 4280877001.

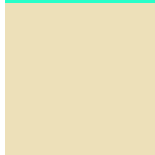
# Color Blindness Simulation

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](#).

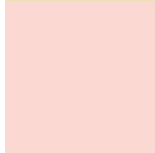
## Dichromacy




**Original Color**  
4280877001



**Protanopia**  
4293779641



**Deuteranopia**  
4294695121

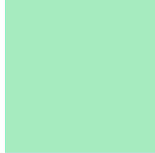


**Tritanopia**  
4287623423

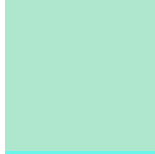
# Trichromacy



**Original Color**  
4280877001



**Protanomaly**  
4289063871



**Deuteranomaly**  
4289652430

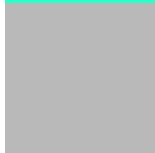


**Tritanomaly**  
4285199851

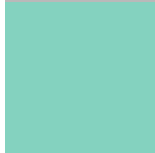
# Monochromacy



**Original Color**  
4280877001



**Achromatopsia**  
4290361785



**Achromatomaly**  
4286894783

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280877001 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(40, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(40, 255, 201)  
}
```

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(40, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 255, 201) }
```

## Border

The CSS property to change the border of an element to Android 4280877001 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(40, 255, 201) }
```

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

```
.border{ border-color:rgb(40, 255, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 255, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(40, 255,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4280877001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 255, 201) }
```

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

```
.background{ background-color: rgb(40, 255,  
201) }
```

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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