

# Converting Colors

Android(4280470260)

Have a look what the booklet for  
Android(4280470260) contains.

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# **Color**

**Android(4280470260)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22CAF4
RGB	34, 202, 244
RGB Percent	13%, 79%, 96%
CMY	0.8667, 0.2078, 0.0431
CMYK	0.86, 0.17, 0.00, 0.04
HSL	192°, 91%, 55%
HSV	192°, 86%, 96%
XYZ	38.1094, 49.1128, 93.0591
YIQ	156.5560, -113.6100, -22.5540

# Conversions

## Conversions Part 2

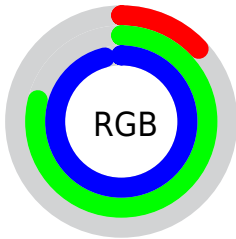
Format	Color
<a href="#">RYB</a>	<a href="#">34, 127, 244</a>
Decimal	<a href="#">2280180</a>
CIELab	<a href="#">75.52, -25.79, -32.00</a>
CIELCh	<a href="#">76, 41.105, 231.133</a>
Yxy	<a href="#">49.1128, 0.2114, 0.2724</a>
Android (android.graphics.Color)	<a href="#">4280470260 (0xFF22CAF4)</a>
YUV	<a href="#">156.5560, 43.1099, -107.4816</a>
Hunter-Lab	<a href="#">70.0805, -25.5737, -29.6741</a>

# Details

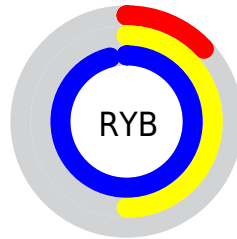
The Android color `4280470260` is a light color, and the websafe version is hex `00CCFF`. The color can be described as light washed cyan. A complement of this color would be `4294200354`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4286119935`, and `4278228156` is the 20% darker color. If you saturate the color by 10%, you get `4278896116`, and if you desaturate by 10%, it is `4282044404`.

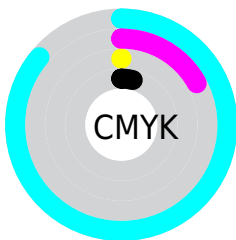
# Distribution



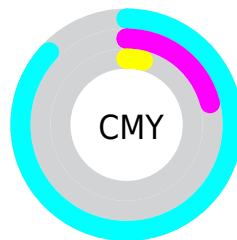
- Red (13%)
- Green (79%)
- Blue (96%)



- Red (13%)
- Yellow (50%)
- Blue (96%)



- Cyan (86%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (87%)
- Magenta (21%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280470260 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 4280470260 by changing the saturation by 10% instead.



 4280470260

 4280470260

4294967295

 4278234839

 4286119935

 4278228156

 4288282623

 4278221473

 4290379775

 4278215046

 4292476927

 4278208877

 4294574079

 4278202964

 4278197821

 4278190887

 4278190352

■ 4280470260

■ 4280470260

■ 4278896116

■ 4282044404

■ 4278240244

■ 4283684084

■ 4285258228

■ 4286897908

■ 4288471796

■ 4290045940

■ 4291685620

■ 4293259764

■ 4294899444

# Harmonies

## Analogous

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



4279815892



4280470260



4285448703

# Triad

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



4280470260



4294745543



4290297970

# Complementary

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



4280470260



4294200354

# 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.



4292719727



4280470260



4294942369

# Square

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



4280470260



4292847594



4294485888



4287416713

# Rectangle

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



4280470260



4288330239



4294485888



4291148910

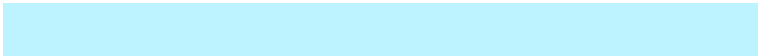


# Sweetspot

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



4280470260



4290638591



4280480844



4283988096



4278190080



4286611584

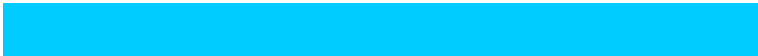


# Same Dimension

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



4280470260



4278242559



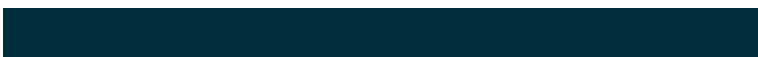
4280443380



4285429882



4278228410



4278202171



# Inverse Universe

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



4294189770



4294901964



4294227234



4286213752



4290379925

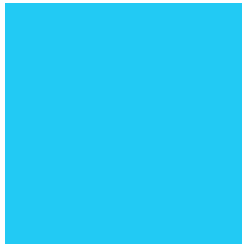


4282056751



# Previews

## White Background



This preview shows how the Android color 4280470260 looks on a white background.

## Color Contrast Check

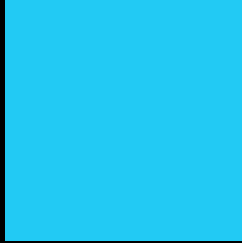
Large Text (above 18pt) WCAG AA × Fail

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 4280470260 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

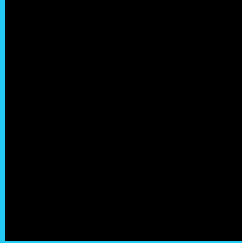
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4280470260 Background



This preview shows how black text looks on a background with the Android color 4280470260.



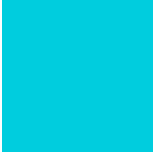
This preview shows how white text looks on a background with the Android color 4280470260.

# 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**  
4278242782

# Trichromacy



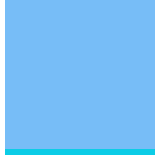
**Original Color**

4280470260



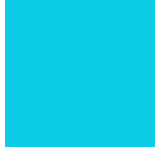
**Protanomaly**

4286234347



**Deuteranomaly**

4286037495



**Tritanomaly**

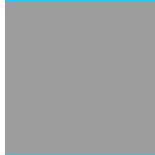
4279028966

# Monochromacy



**Original Color**

4280470260



**Achromatopsia**

4288519581



**Achromatomaly**

4285574589

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280470260 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(34, 202, 244)` looks like.

```
.text, #text, p{  
    color:rgb(34, 202, 244)  
}
```

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(34, 202, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 202, 244) }
```

## Border

The CSS property to change the border of an element to Android 4280470260 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(34, 202, 244) }
```

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

```
.border{ border-color:rgb(34, 202, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 202, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 202, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 202, 244);  
box-shadow:4px 4px 4px 4px rgb(34, 202,  
244) }
```

# Background

The CSS property to change the background color of an element to Android 4280470260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 202, 244) }
```

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

```
.background{ background-color: rgb(34, 202,  
244) }
```

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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