

# Converting Colors

Android(4280724937)

Have a look what the booklet for  
Android(4280724937) contains.

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# **Color**

**Android(4280724937)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26ADC9
RGB	38, 173, 201
RGB Percent	15%, 68%, 79%
CMY	0.8510, 0.3216, 0.2118
CMYK	0.81, 0.14, 0.00, 0.21
HSL	190°, 68%, 47%
HSV	190°, 81%, 79%
XYZ	26.2855, 34.5163, 60.5353
YIQ	135.8270, -89.4480, -19.9120

# Conversions

## Conversions Part 2

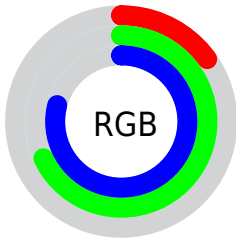
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 112, 201
Decimal	2534857
CIE Lab	65.37, -24.98, -24.16
CIE LCh	65, 34.749, 224.051
Yxy	34.5163, 0.2166, 0.2845
Android (android.graphics.Color)	4280724937 (0xFF26ADC9)
YUV	135.8270, 32.1303, -85.7943
Hunter-Lab	58.7505, -22.9509, -19.9657

# Details

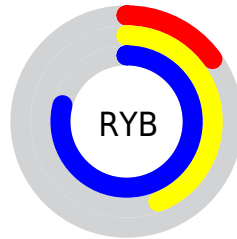
The Android color `4280724937` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle muted azure. A complement of this color would be `4291379750`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4285588991`, and `4278220947` is the 20% darker color. If you saturate the color by 10%, you get `4279413449`, and if you desaturate by 10%, it is `4282036425`.

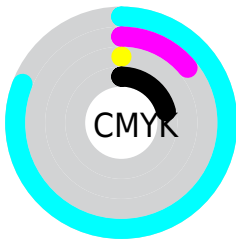
# Distribution



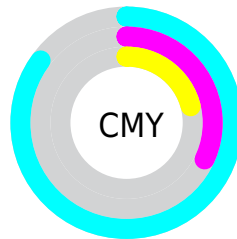
- Red (15%)
- Green (68%)
- Blue (79%)



- Red (15%)
- Yellow (44%)
- Blue (79%)



- Cyan (81%)
- Magenta (14%)
- Yellow (0%)
- Black (21%)



- Cyan (85%)
- Magenta (32%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280724937 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 4280724937 by changing the saturation by 10% instead.



 4280724937

 4280724937

4294967295

 4278227630

 4285588991

 4278220947

 4287627263

 4278214521

 4289658879

 4278208352

 4291624959

 4278202440

 4293656575

 4278197554

 4278190621

 4278190080

 4280724937

 4280724937

■ 4279413449

■ 4282036425

■ 4278232777

■ 4283348169

■ 4284659657

■ 4285971401

■ 4287348425

■ 4288660169

■ 4289971657

■ 4291283401

■ 4292594889

# Harmonies

## Analogous

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



4281446317



4280724937



4283869146

# Triad

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



4280724937



4291922353



4289044833

# Complementary

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



4280724937



4291379750

# 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.



4290942819



4280724937



4292642705

# Square

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



4280724937



4290089420



4292250997



4286753393

# Rectangle

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



4280724937



4286161116



4292250997



4289699424

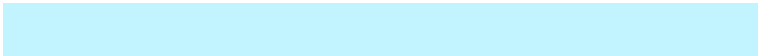


# Sweetspot

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



4280724937



4290966783



4280731969



4284184960



4278190080



4286611584

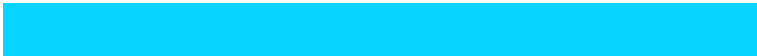


# Same Dimension

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



4280724937



4278769151



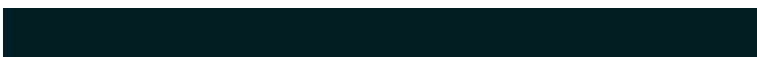
4280704201



4284113507



4278224803



4278197796



# Inverse Universe

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



4291372717



4294904021



4291400486



4284701282



4288872583



4280549406



# Previews

## White Background



This preview shows how the Android color 4280724937 looks on a white background.

## Color Contrast Check

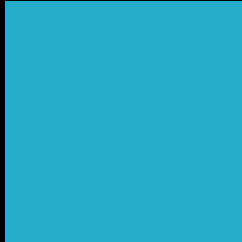
Large Text (above 18pt) WCAG AA × Fail

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 4280724937 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 4280724937 Background



This preview shows how black text looks on a background with the Android color 4280724937.



This preview shows how white text looks on a background with the Android color 4280724937.

# 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





# Trichromacy



**Original Color**  
4280724937



**Protanomaly**  
4285375169



**Deuteranomaly**  
4285244108



**Tritanomaly**  
4280069825

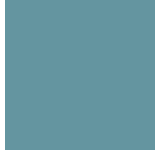
# Monochromacy



**Original Color**  
4280724937



**Achromatopsia**  
4287137928



**Achromatomaly**  
4284781984

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280724937 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(38, 173, 201)` looks like.

```
.text, #text, p{  
    color:rgb(38, 173, 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(38, 173, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 173, 201) }
```

## Border

The CSS property to change the border of an element to Android 4280724937 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(38, 173, 201) }
```

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

```
.border{ border-color:rgb(38, 173, 201) }
```

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

Here you see how a box with a 4 pixel rgb(38, 173, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 173, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 173, 201);  
box-shadow:4px 4px 4px 4px rgb(38, 173,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4280724937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 173, 201) }
```

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

```
.background{ background-color: rgb(38, 173,  
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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