

# Converting Colors

Android(4280727741)

Have a look what the booklet for  
Android(4280727741) contains.

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**Color**

**Android(4280727741)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26B8BD
RGB	38, 184, 189
RGB Percent	15%, 72%, 74%
CMY	0.8510, 0.2784, 0.2588
CMYK	0.80, 0.03, 0.00, 0.26
HSL	182°, 67%, 45%
HSV	182°, 80%, 74%
XYZ	27.1251, 38.3672, 54.1201
YIQ	140.9160, -88.6210, -29.3970

# Conversions

## Conversions Part 2

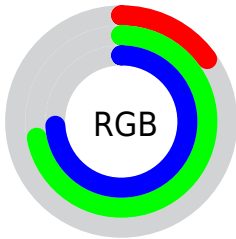
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 112, 189
Decimal	2537661
CIELab	68.29, -34.13, -13.10
CIElCh	68, 36.557, 200.997
Yxy	38.3672, 0.2268, 0.3208
Android (android.graphics.Color)	4280727741 (0xFF26B8BD)
YUV	140.9160, 23.7054, -90.2573
Hunter-Lab	61.9412, -30.2290, -8.4447

# Details

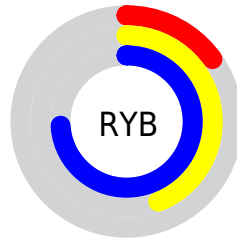
The Android color `4280727741` is a dark color, and the websafe version is hex `33CCCC`. A complement of this color would be `4290587430`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4285592053`, and `4278223496` is the 20% darker color. If you saturate the color by 10%, you get `4279482301`, and if you desaturate by 10%, it is `4281973181`.

# Distribution



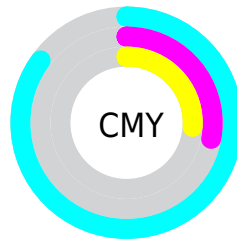
- Red (15%)
- Green (72%)
- Blue (74%)



- Red (15%)
- Yellow (44%)
- Blue (74%)



- Cyan (80%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (85%)
- Magenta (28%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280727741 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 4280727741 by changing the saturation by 10% instead.



 4280727741

 4280727741

4294967295

 4278230434

 4285592053

 4278223496

 4287627263

 4278217070

 4289658879

 4278210646

 4291624959

 4278204479

 4293656575

 4278199337

 4278190357

 4278190080

 4280727741

 4280727741

■ 4279482301

■ 4281973181

■ 4278237117

■ 4283218365

■ 4284463805

■ 4285709245

■ 4286888893

■ 4288134333

■ 4289379517

■ 4290624957

■ 4291870397

# Harmonies

## Analogous

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



4283742363



4280727741



4281119961

# Triad

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



4280727741



4291204816



4291141989

# Complementary

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



4280727741



4290587430

# 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.



4292712052



4280727741



4292906674

# Square

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



4280727741



4288455396



4293365392



4289047656

# Rectangle

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



4280727741



4283609316



4293365392



4291730792



# Sweetspot

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



4280727741



4290442229



4280728873



4283922810



4294638330



4286216826



# Same Dimension

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



4280727741



4278906357



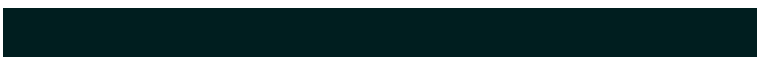
4280709053



4283784798



4278229406



4278197791



# Inverse Universe

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



4290586296



4294249197



4290606118



4284372318



4288544921

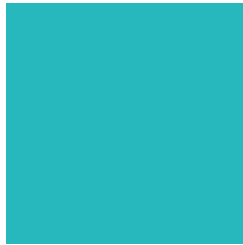


4280221726



# Previews

## White Background



This preview shows how the Android color 4280727741 looks on a white background.

## Color Contrast Check

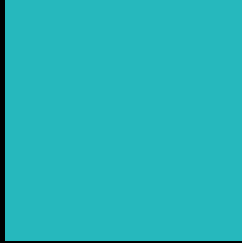
Large Text (above 18pt) WCAG AA × Fail

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 4280727741 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

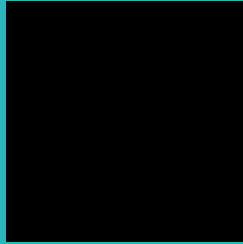
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

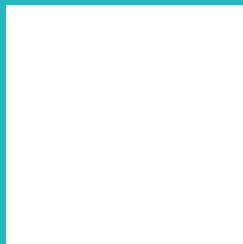
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280727741 Background



This preview shows how black text looks on a background with the Android color 4280727741.

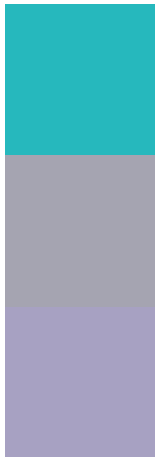


This preview shows how white text looks on a background with the Android color 4280727741.

# 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**  
4280727741

**Protanopia**  
4289045681

**Deuteranopia**  
4289176002



# Trichromacy



**Original Color**

4280727741



**Protanomaly**

4286032821



**Deuteranomaly**

4286097856



**Tritanomaly**

4281055171

# Monochromacy



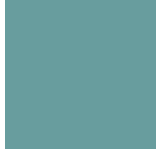
**Original Color**

4280727741



**Achromatopsia**

4287466893



**Achromatomaly**

4285046174

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280727741 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, 184, 189)` looks like.

```
.text, #text, p{  
    color:rgb(38, 184, 189)  
}
```

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, 184, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 184, 189) }
```

## Border

The CSS property to change the border of an element to Android 4280727741 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, 184, 189) }
```

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

```
.border{ border-color:rgb(38, 184, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 184, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 184, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 184, 189);  
box-shadow:4px 4px 4px 4px rgb(38, 184,  
189) }
```

# Background

The CSS property to change the background color of an element to Android 4280727741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 184, 189) }
```

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

```
.background{ background-color: rgb(38, 184,  
189) }
```

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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