

# Converting Colors

Android(4280137926)

Have a look what the booklet for  
Android(4280137926) contains.

<b>Android(4280137926)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4280137926)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1DB8C6
RGB	29, 184, 198
RGB Percent	11%, 72%, 78%
CMY	0.8863, 0.2784, 0.2235
CMYK	0.85, 0.07, 0.00, 0.22
HSL	185°, 74%, 45%
HSV	185°, 85%, 78%
XYZ	27.8402, 38.6194, 59.4130
YIQ	139.2510, -96.8740, -28.5060

# Conversions

## Conversions Part 2

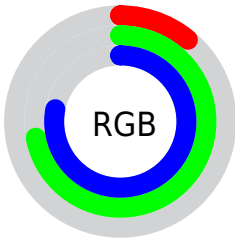
Format	Color
<a href="#">RYB</a>	<a href="#">29, 110, 198</a>
Decimal	<a href="#">1947846</a>
CIELab	<a href="#">68.47, -32.06, -17.79</a>
CIElCh	<a href="#">68, 36.660, 209.023</a>
Yxy	<a href="#">38.6194, 0.2212, 0.3068</a>
Android (android.graphics.Color)	<a href="#">4280137926</a> ( <a href="#">0xFF1DB8C6</a> )
YUV	<a href="#">139.2510, 28.9633, -96.6901</a>
Hunter-Lab	<a href="#">62.1445, -28.7864, -13.1828</a>

# Details

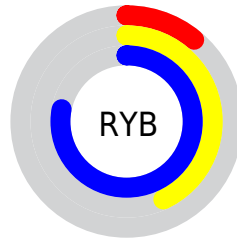
The Android color **4280137926** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **4291177245**, and the grayscale version is **4287335307**.

A 20% lighter version of the original color is **4285395199**, and **4278223504** is the 20% darker color. If you saturate the color by 10%, you get **4278826694**, and if you desaturate by 10%, it is **4281449158**.

# Distribution



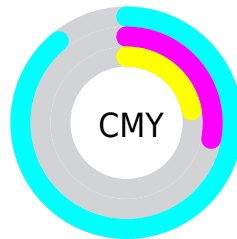
- Red (11%)
- Green (72%)
- Blue (78%)



- Red (11%)
- Yellow (43%)
- Blue (78%)



- Cyan (85%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (89%)
- Magenta (28%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280137926 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 4280137926 by changing the saturation by 10% instead.



 4280137926

 4280137926

4294967295

 4278230443

 4285395199


 4278223504

 4287496191

 4278217079

 4289527807

 4278210654

 4291559423

 4278204486

 4293525503

 4278199344

 4278190363

 4278190080

 4280137926

 4280137926

■ 4278826694

■ 4281449158

■ 4278236870

■ 4282760134

■ 4284005830

■ 4285317062

■ 4286628038

■ 4287939270

■ 4289250246

■ 4290495942

■ 4291807174

# Harmonies

## Analogous

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



4282956197



4280137926



4282102751

# Triad

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



4280137926



4291859402



4290684260

# Complementary

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



4280137926



4291177245

# 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.



4292385135



4280137926



4293234089

# Square

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



4280137926



4289306593



4293365897



4288458604

# Rectangle

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



4280137926



4284657383



4293365897



4291338598



# Sweetspot

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



4280137926



4290640639



4280141352



4283989120



4278190080



4286611584



# Same Dimension

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



4280137926



4278250239



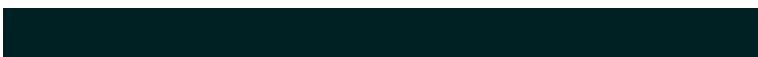
4280116934



4284113763



4278228643



4278198564



# Inverse Universe

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



4291173816



4294901994



4291198237



4284701283



4288872598



4280549409



# Previews

## White Background



This preview shows how the Android color 4280137926 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 4280137926 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

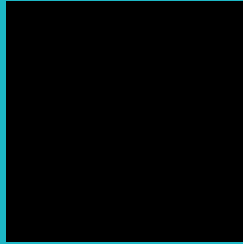
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

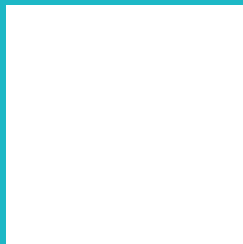
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280137926 Background



This preview shows how black text looks on a background with the Android color 4280137926.



This preview shows how white text looks on a background with the Android color 4280137926.

# 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**  
4280137926

**Protanopia**  
4288914617

**Deuteranopia**  
4288914123



# Trichromacy



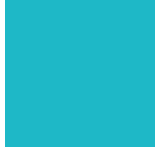
**Original Color**  
4280137926



**Protanomaly**  
4285705150



**Deuteranomaly**  
4285704905



**Tritanomaly**  
4280203463

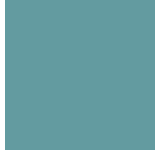
# Monochromacy



**Original Color**  
4280137926



**Achromatopsia**  
4287335307



**Achromatomaly**  
4284717984

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280137926 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(29, 184, 198)` looks like.

```
.text, #text, p{  
    color:rgb(29, 184, 198)  
}
```

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(29, 184, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 184, 198) }
```

## Border

The CSS property to change the border of an element to Android 4280137926 is called "border". The border property can be set on classes, ids or directly on the HTML element.

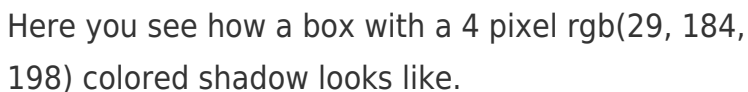
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(29, 184, 198) }
```

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

```
.border{ border-color:rgb(29, 184, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(29, 184, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(29, 184, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(29, 184, 198); box-shadow:4px 4px 4px 4px rgb(29, 184, 198) }
```

# Background

The CSS property to change the background color of an element to Android 4280137926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 184, 198) }
```

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

```
.background{ background-color: rgb(29, 184,  
198) }
```

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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