

Converting Colors

Android(4280730836)

Have a look what the booklet for
Android(4280730836) contains.

Android(4280730836)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280730836)

Conversions

Conversions Part 1

Format	Color
Hex	26C4D4
RGB	38, 196, 212
RGB Percent	15%, 77%, 83%
CMY	0.8510, 0.2314, 0.1686
CMYK	0.82, 0.08, 0.00, 0.17
HSL	186°, 70%, 49%
HSV	186°, 82%, 83%
XYZ	32.4229, 44.6454, 69.1959
YIQ	150.5820, -99.3040, -28.5200

Conversions

Conversions Part 2

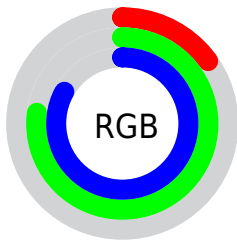
Format	Color
RYB	38, 121, 212
Decimal	2540756
CIELab	72.66, -32.78, -19.09
CIELCh	73, 37.939, 210.215
Yxy	44.6454, 0.2217, 0.3052
Android (android.graphics.Color)	4280730836 (0xFF26C4D4)
YUV	150.5820, 30.2791, -98.7344
Hunter-Lab	66.8172, -30.3133, -14.6287

Details

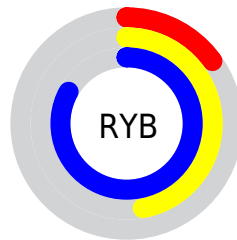
The Android color **4280730836** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **4292097574**, and the grayscale version is **4288059030**.

A 20% lighter version of the original color is **4285857279**, and **4278226589** is the 20% darker color. If you saturate the color by 10%, you get **4279354068**, and if you desaturate by 10%, it is **4282107604**.

Distribution



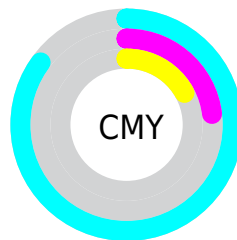
- Red (15%)
- Green (77%)
- Blue (83%)



- Red (15%)
- Yellow (47%)
- Blue (83%)



- Cyan (82%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (85%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280730836 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 4280730836 by changing the saturation by 10% instead.

 4280730836

 4280730836

4294967295

 4278233272

 4285857279

 4278226589

 4287954943

 4278219907

 4290052095

 4278213482

 4292083711

 4278207314

 4294115327

 4278201403

 4278194981

 4278190351

 4278190080

■ 4280730836

■ 4280730836

■ 4279354068

■ 4282107604

■ 4278239700

■ 4283484372

■ 4284926676

■ 4286303444

■ 4287680212

■ 4289056980

■ 4290433748

■ 4291876052

■ 4293252820

Harmonies

Analogous

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



4283352497



4280730836



4282761198

Triad

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



4280730836



4292779477



4291407980

Complementary

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



4280730836



4292097574

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.



4293239927



4280730836



4294154163

Square

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



4280730836



4290226670



4294285969



4289051509

Rectangle

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



4280730836



4285381110



4294285969



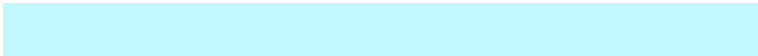
4292127854

Sweetspot

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



4280730836



4290771455



4280734772



4284054656



4278190080



4286611584

Same Dimension

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



4280730836



4278577407



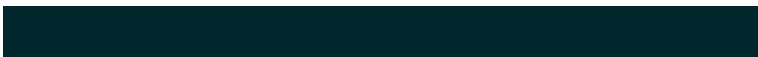
4280709076



4284508779



4278229931



4278200107

Inverse Universe

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



4292093636



4294903272



4292119590



4285227114



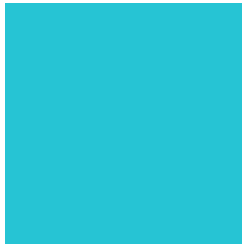
4289396891



4281008167

Previews

White Background



This preview shows how the Android color 4280730836 looks on a white background.

Color Contrast Check

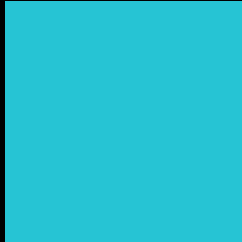
Large Text (above 18pt) WCAG AA × Fail

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 4280730836 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 4280730836 Background



This preview shows how black text looks on a background with the Android color 4280730836.



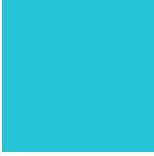
This preview shows how white text looks on a background with the Android color 4280730836.

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





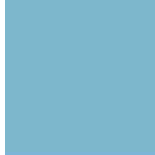
Tritanopia
4280730836

Trichromacy



Original Color

4280730836



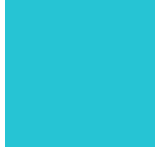
Protanomaly

4286429132



Deuteranomaly

4286428631



Tritanomaly

4280730836

Monochromacy



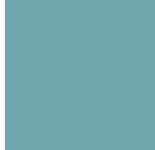
Original Color

4280730836



Achromatopsia

4288124823



Achromatomaly

4285441965

CSS Examples

Text

The CSS property to change the color of the text to Android 4280730836 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, 196, 212)` looks like.

```
.text, #text, p{  
    color:rgb(38, 196, 212)  
}
```

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, 196, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 196, 212) }
```

Border

The CSS property to change the border of an element to Android 4280730836 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, 196, 212) }
```

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

```
.border{ border-color:rgb(38, 196, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 196, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 196, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 196, 212);  
box-shadow:4px 4px 4px 4px rgb(38, 196,  
212) }
```

Background

The CSS property to change the background color of an element to Android 4280730836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 196, 212) }
```

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

```
.background{ background-color: rgb(38, 196,  
212) }
```

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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