

Converting Colors

Android(4282371285)

Have a look what the booklet for
Android(4282371285) contains.

Android(4282371285)	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(4282371285)

Conversions

Conversions Part 1

Format	Color
Hex	3FCCD5
RGB	63, 204, 213
RGB Percent	25%, 80%, 84%
CMY	0.7529, 0.2000, 0.1647
CMYK	0.70, 0.04, 0.00, 0.16
HSL	184°, 64%, 54%
HSV	184°, 70%, 84%
XYZ	35.6530, 49.0466, 70.5386
YIQ	162.8670, -86.9250, -27.0930

Conversions

Conversions Part 2

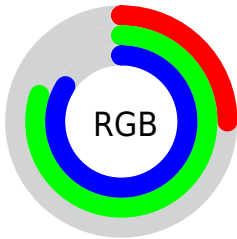
Format	Color
RYB	63, 136, 213
Decimal	4181205
CIELab	75.48, -33.71, -15.33
CIELCh	75, 37.036, 204.453
Yxy	49.0466, 0.2297, 0.3159
Android (android.graphics.Color)	4282371285 (0xFF3FCCD5)
YUV	162.8670, 24.7156, -87.5834
Hunter-Lab	70.0333, -31.6862, -10.6945

Details

The Android color **4282371285** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **4292167743**, and the grayscale version is **4288914339**.

A 20% lighter version of the original color is **4286840831**, and **4278228382** is the 20% darker color. If you saturate the color by 10%, you get **4280994773**, and if you desaturate by 10%, it is **4283747797**.

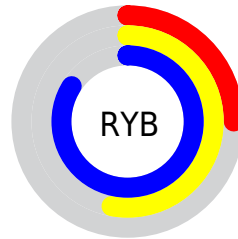
Distribution



Red (25%)

Green (80%)

Blue (84%)



Red (25%)

Yellow (53%)

Blue (84%)

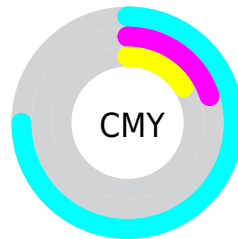


Cyan (70%)

Magenta (4%)

Yellow (0%)

Black (16%)



Cyan (75%)

Magenta (20%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282371285 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 4282371285 by changing the saturation by 10% instead.



4282371285



4282371285

4294967295



4278235321



4286840831



4278228382



4288872447



4278221700



4290904063



4278215275



4292870143



4278208851

4294901759



4278202940



4278197542



4278190353



4278190080

■ 4282371285

■ 4282371285

■ 4280994773

■ 4283747797

■ 4279552469

■ 4285190101

■ 4278241493

■ 4286566613

■ 4287943125

■ 4289385173

■ 4290761941

■ 4292138453

■ 4293514965

■ 4294957269

Harmonies

Analogous

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



4284665010



4282371285



4283222257

Triad

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



4282371285



4292847842



4292327030

Complementary

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



4282371285



4292167743

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.



4294027908



4282371285



4294484162

Square

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



4282371285



4290098168



4294812063



4290035835

Rectangle

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



4282371285



4285448955



4294812063



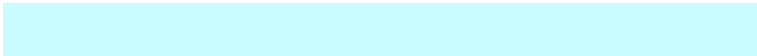
4292981368

Sweetspot

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



4282371285



4291427583



4282373446



4284513920



4278190080



4286611584

Same Dimension

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



4282371285



4280742655



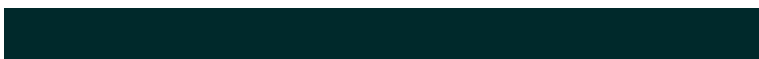
4282352597



4284508779



4278231467



4278200619

Inverse Universe

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



4292165580



4294911730



4292186687



4285227114



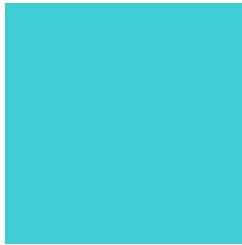
4289396897



4281008169

Previews

White Background



This preview shows how the Android color 4282371285 looks on a white background.

Color Contrast Check

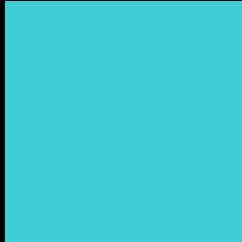
Large Text (above 18pt) WCAG AA × Fail

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 4282371285 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 4282371285 Background



This preview shows how black text looks on a background with the Android color 4282371285.

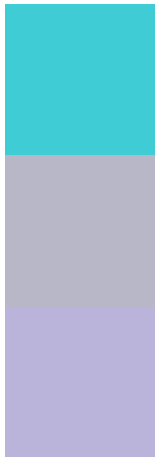


This preview shows how white text looks on a background with the Android color 4282371285.

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
4282371285

Protanopia
4290230216

Deuteranopia
4290426074

Trichromacy



Original Color

4282371285



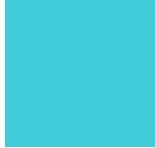
Protanomaly

4287348685



Deuteranomaly

4287479256



Tritanomaly

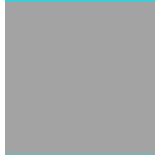
4282567641

Monochromacy



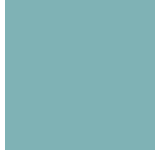
Original Color

4282371285



Achromatopsia

4288914339



Achromatomaly

4286558901

CSS Examples

Text

The CSS property to change the color of the text to Android 4282371285 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(63, 204, 213)` looks like.

```
.text, #text, p{  
    color:rgb(63, 204, 213)  
}
```

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(63, 204, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 204, 213) }
```

Border

The CSS property to change the border of an element to Android 4282371285 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(63, 204, 213) }
```

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

```
.border{ border-color:rgb(63, 204, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 204, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 204, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 204, 213);  
box-shadow:4px 4px 4px 4px rgb(63, 204,  
213) }
```

Background

The CSS property to change the background color of an element to Android 4282371285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 204, 213) }
```

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

```
.background{ background-color: rgb(63, 204,  
213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor