

# Converting Colors

Android(4283946971)

Have a look what the booklet for  
Android(4283946971) contains.

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# **Color**

**Android(4283946971)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57D7DB
RGB	87, 215, 219
RGB Percent	34%, 84%, 86%
CMY	0.6588, 0.1569, 0.1412
CMYK	0.60, 0.02, 0.00, 0.14
HSL	182°, 65%, 60%
HSV	182°, 60%, 86%
XYZ	41.0171, 55.7416, 75.6152
YIQ	177.1840, -77.5720, -25.8920

# Conversions

## Conversions Part 2

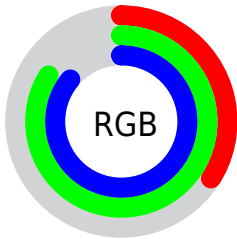
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">87, 152, 219</a>
Decimal	<a href="#">5756891</a>
CIELab	<a href="#">79.47, -33.65, -12.51</a>
CIELCh	<a href="#">79, 35.901, 200.399</a>
Yxy	<a href="#">55.7416, 0.2380, 0.3234</a>
Android (android.graphics.Color)	<a href="#">4283946971 (0xFF57D7DB)</a>
YUV	<a href="#">177.1840, 20.6153, -79.0914</a>
Hunter-Lab	<a href="#">74.6603, -32.5906, -7.7861</a>

# Details

The Android color `4283946971` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted cyan. A complement of this color would be `4292565847`, and the grayscale version is `4289835441`.

A 20% lighter version of the original color is `4288086015`, and `4278231204` is the 20% darker color. If you saturate the color by 10%, you get `4282504923`, and if you desaturate by 10%, it is `4285389019`.

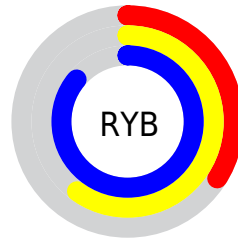
# Distribution



Red (34%)

Green (84%)

Blue (86%)



Red (34%)

Yellow (60%)

Blue (86%)

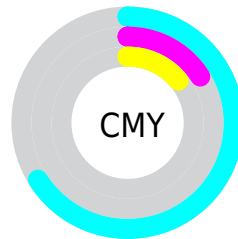


Cyan (60%)

Magenta (2%)

Yellow (0%)

Black (14%)



Cyan (66%)

Magenta (16%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283946971 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 4283946971 by changing the saturation by 10% instead.





4283946971



4283946971

4294967295



4281514943



4288086015



4278231204



4290052095



4278224266



4292018175



4278217584



4294049791



4278211416



4278205249



4278199851



4278190359



4278190080

■ 4283946971

■ 4283946971

■ 4282504923

■ 4285389019

■ 4281063131

■ 4286830811

■ 4279621083

■ 4288272859

■ 4278244571

■ 4289714907

■ 4291091163

■ 4292533211

■ 4293975259

■ 4294958299

■ 4294958555

# Harmonies

## Analogous

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



4286044089



4283946971



4284273655

# Triad

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



4283946971



4293244144



4293312387

# Complementary

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



4283946971



4292565847

# 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.



4294882451



4283946971



4294946257

# Square

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



4283946971



4290429183



4294946223



4291152517

# Rectangle

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



4283946971



4286041855



4294946223



4293901190



# Sweetspot

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



4283946971



4291952383



4283947865



4284710784



4278190080



4286611584



# Same Dimension

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



4283946971



4282907135



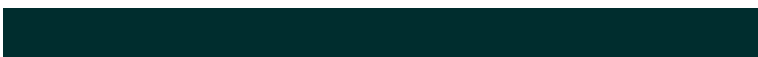
4283930587



4284706158



4278233261



4278201646



# Inverse Universe

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



4292564951



4294920185



4292582231



4285424493



4289527976

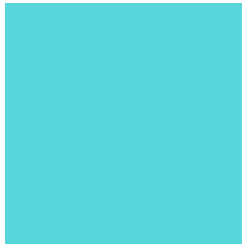


4281204781



# Previews

## White Background



This preview shows how the Android color 4283946971 looks on a white background.

## Color Contrast Check

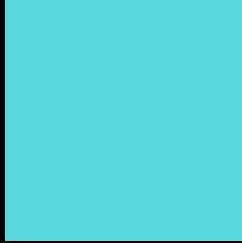
Large Text (above 18pt) WCAG AA × Fail

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 4283946971 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 4283946971 Background



This preview shows how black text looks on a background with the Android color 4283946971.



This preview shows how white text looks on a background with the Android color 4283946971.

# 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



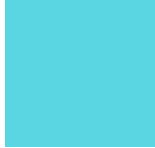
**Original Color**  
4283946971



**Protanomaly**  
4288465619



**Deuteranomaly**  
4288727262

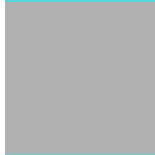


**Tritanomaly**  
4284143330

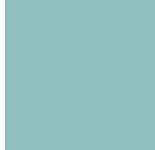
# Monochromacy



**Original Color**  
4283946971



**Achromatopsia**  
4289835441



**Achromatomaly**  
4287676352

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283946971 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(87, 215, 219)` looks like.

```
.text, #text, p{  
    color:rgb(87, 215, 219)  
}
```

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(87, 215, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 215, 219) }
```

## Border

The CSS property to change the border of an element to Android 4283946971 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(87, 215, 219) }
```

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

```
.border{ border-color:rgb(87, 215, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 215, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 215, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 215, 219);  
box-shadow:4px 4px 4px 4px rgb(87, 215,  
219) }
```

# Background

The CSS property to change the background color of an element to Android 4283946971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 215, 219) }
```

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

```
.background{ background-color: rgb(87, 215,  
219) }
```

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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