

# Converting Colors

Android(4282436041)

Have a look what the booklet for  
Android(4282436041) contains.

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# **Color**

**Android(4282436041)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40C9C9
RGB	64, 201, 201
RGB Percent	25%, 79%, 79%
CMY	0.7490, 0.2118, 0.2118
CMYK	0.68, 0.00, 0.00, 0.21
HSL	180°, 56%, 52%
HSV	180°, 68%, 79%
XYZ	33.5436, 47.0803, 62.5778
YIQ	160.0370, -81.6520, -29.0440

# Conversions

## Conversions Part 2

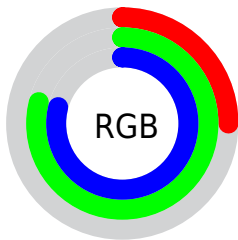
Format	Color
<a href="#">RYB</a>	<a href="#">64, 133, 201</a>
Decimal	<a href="#">4245961</a>
CIELab	<a href="#">74.24, -35.63, -10.70</a>
CIElCh	<a href="#">74, 37.200, 196.709</a>
Yxy	<a href="#">47.0803, 0.2342, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4282436041 (0xFF40C9C9)</a>
YUV	<a href="#">160.0370, 20.1948, -84.2244</a>
Hunter-Lab	<a href="#">68.6151, -32.8138, -6.0426</a>

# Details

The Android color `4282436041` 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 `4291379264`, and the grayscale version is `4288716960`.

A 20% lighter version of the original color is `4286775295`, and `4278227603` is the 20% darker color. If you saturate the color by 10%, you get `4281125321`, and if you desaturate by 10%, it is `4283746761`.

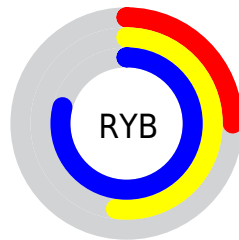
# Distribution



Red (25%)

Green (79%)

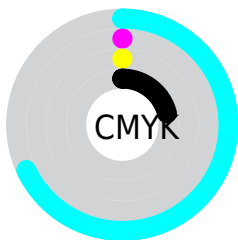
Blue (79%)



Red (25%)

Yellow (52%)

Blue (79%)

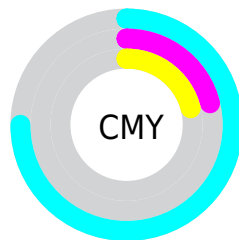


Cyan (68%)

Magenta (0%)

Yellow (0%)

Black (21%)



Cyan (75%)

Magenta (21%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282436041 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 4282436041 by changing the saturation by 10% instead.



 4282436041

 4282436041

4294967295

 4278758830

 4286775295

 4278227603

 4288806911

 4278220921

 4290772991

 4278214497

 4292804607

 4278208073

 4294770687

 4278202162

 4278196254

 4278190082

 4278190080

■ 4282436041

■ 4282436041

■ 4281125321

■ 4283746761

■ 4279814601

■ 4285057481

■ 4278503881

■ 4286368201

■ 4278241737

■ 4287678921

■ 4289055177

■ 4290365897

■ 4291676617

■ 4292987337

■ 4294298057

# Harmonies

## Analogous

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



4285122726



4282436041



4282173159

# Triad

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



4282436041



4291995622



4292587380

# Complementary

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



4282436041



4291379264

# 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.



4294091910



4282436041



4293959367

# Square

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



4282436041



4289049592



4294614437



4290427764

# Rectangle

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



4282436041



4284203509



4294614437



4293176184



# Sweetspot

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



4282436041



4291624959



4282435904



4284579968



4278190080



4286611584



# Same Dimension

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



4282436041



4281270271



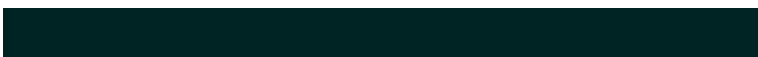
4282418633



4284113763



4278231971



4278199332



# Inverse Universe

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



4291379401



4294913791



4291396928



4284701283



4288872611

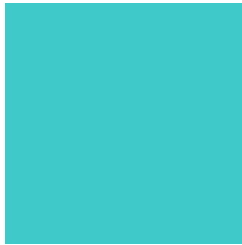


4280549412



# Previews

## White Background



This preview shows how the Android color 4282436041 looks on a white background.

## Color Contrast Check

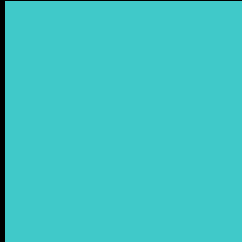
Large Text (above 18pt) WCAG AA × Fail

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 4282436041 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

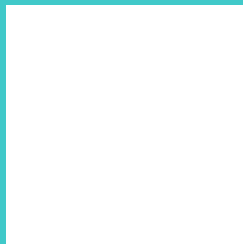
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282436041 Background



This preview shows how black text looks on a background with the Android color 4282436041.



This preview shows how white text looks on a background with the Android color 4282436041.

# 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**

4282436041



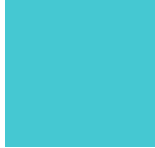
**Protanomaly**

4287347905



**Deuteranomaly**

4287544012



**Tritanomaly**

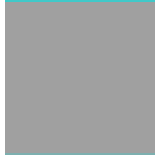
4282763474

# Monochromacy



**Original Color**

4282436041



**Achromatopsia**

4288716960



**Achromatomaly**

4286427055

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282436041 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(64, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(64, 201, 201)  
}
```

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(64, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 201, 201) }
```

## Border

The CSS property to change the border of an element to Android 4282436041 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(64, 201, 201) }
```

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

```
.border{ border-color:rgb(64, 201, 201) }
```

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

Here you see how a box with a 4 pixel rgb(64, 201, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(64, 201,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4282436041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 201, 201) }
```

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

```
.background{ background-color: rgb(64, 201,  
201) }
```

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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