

# Converting Colors

Android(4282499000)

Have a look what the booklet for  
Android(4282499000) contains.

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**Color**

**Android(4282499000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41BFB8
RGB	65, 191, 184
RGB Percent	25%, 75%, 72%
CMY	0.7451, 0.2510, 0.2784
CMYK	0.66, 0.00, 0.04, 0.25
HSL	177°, 50%, 50%
HSV	177°, 66%, 75%
XYZ	29.4625, 41.8461, 51.8717
YIQ	152.5280, -72.8490, -28.8890

# Conversions

## Conversions Part 2

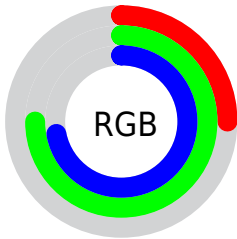
Format	Color
<a href="#">RYB</a>	<a href="#">65, 130, 191</a>
Decimal	<a href="#">4308920</a>
CIELab	<a href="#">70.76, -35.60, -6.61</a>
CIELCh	<a href="#">71, 36.207, 190.515</a>
Yxy	<a href="#">41.8461, 0.2392, 0.3397</a>
Android (android.graphics.Color)	<a href="#">4282499000 (0xFF41BFB8)</a>
YUV	<a href="#">152.5280, 15.5157, -76.7621</a>
Hunter-Lab	<a href="#">64.6886, -31.9069, -2.2607</a>

# Details

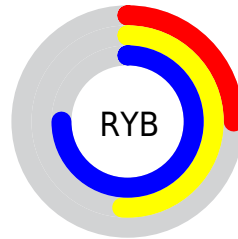
The Android color `4282499000` is a dark color, and the websafe version is hex `33CCCC`. A complement of this color would be `4290724168`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4286642416`, and `4278225283` is the 20% darker color. If you saturate the color by 10%, you get `4281253815`, and if you desaturate by 10%, it is `4283744185`.

# Distribution



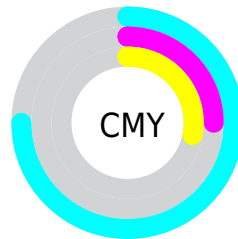
- Red (25%)
- Green (75%)
- Blue (72%)



- Red (25%)
- Yellow (51%)
- Blue (75%)



- Cyan (66%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (75%)
- Magenta (25%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282499000 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 4282499000 by changing the saturation by 10% instead.





4282499000



4282499000

4294967295



4279542941



4286642416



4278225283



4288610303



4278218602



4290576383



4278212178



4292542463



4278206011



4294508543



4278200357



4278191633



4278190080



4282499000



4282499000

■ 4281253815

■ 4283744185

■ 4280008630

■ 4284989370

■ 4278763445

■ 4286234555

■ 4278239156

■ 4287479740

■ 4288790461

■ 4290035646

■ 4291280831

■ 4292526016

■ 4293771202

# Harmonies

## Analogous

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



4285250966



4282499000



4281384407

# Triad

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



4282499000



4290814175



4292256879

# Complementary

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



4282499000



4290724168

# 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.



4293499268



4282499000



4292908996

# Square

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



4282499000



4287737070



4293825699



4290293612

# Rectangle

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



4282499000



4283021798



4293825699



4292780149

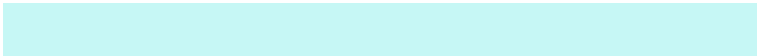


# Sweetspot

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



4282499000



4291229685



4283023169



4284448123



4294769916



4286414205



# Same Dimension

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



4282499000



4281661420



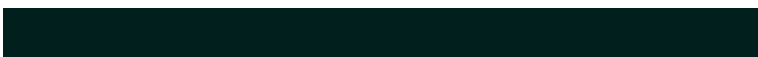
4282484927



4283784798



4278230677



4278198045



# Inverse Universe

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



4290724168



4294390847



4290738241



4284372309



4288544777



4280221698



# Previews

## White Background



This preview shows how the Android color 4282499000 looks on a white background.

## Color Contrast Check

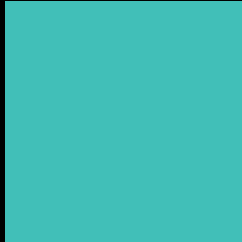
Large Text (above 18pt) WCAG AA × Fail

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 4282499000 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

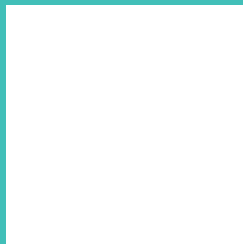
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282499000 Background



This preview shows how black text looks on a background with the Android color 4282499000.



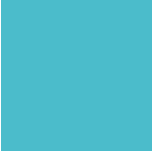
This preview shows how white text looks on a background with the Android color 4282499000.

# 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**  
4283153611

# Trichromacy



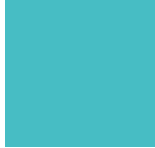
**Original Color**  
4282499000



**Protanomaly**  
4287083184



**Deuteranomaly**  
4287344827



**Tritanomaly**  
4282891716

# Monochromacy



**Original Color**  
4282499000



**Achromatopsia**  
4288256409



**Achromatomaly**  
4286162852

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282499000 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(65, 191, 184)` looks like.

```
.text, #text, p{  
    color:rgb(65, 191, 184)  
}
```

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(65, 191, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 191, 184) }
```

## Border

The CSS property to change the border of an element to Android 4282499000 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(65, 191, 184) }
```

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

```
.border{ border-color:rgb(65, 191, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 191, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(65, 191, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(65, 191, 184); box-shadow:4px 4px 4px 4px rgb(65, 191, 184) }
```

# Background

The CSS property to change the background color of an element to Android 4282499000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 191, 184) }
```

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

```
.background{ background-color: rgb(65, 191,  
184) }
```

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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