

# Converting Colors

Android(4282827974)

Have a look what the booklet for  
Android(4282827974) contains.

<b>Android(4282827974)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Android(4282827974)**

# Conversions

## Conversions Part 1

Format	Color
Hex	46C4C6
RGB	70, 196, 198
RGB Percent	27%, 77%, 78%
CMY	0.7255, 0.2314, 0.2235
CMYK	0.65, 0.01, 0.00, 0.22
HSL	181°, 53%, 53%
HSV	181°, 65%, 78%
XYZ	32.4588, 44.8592, 60.3740
YIQ	158.5540, -75.7380, -26.0900

# Conversions

## Conversions Part 2

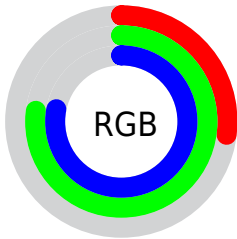
Format	Color
<a href="#">RYB</a>	<a href="#">70, 133, 198</a>
Decimal	<a href="#">4637894</a>
CIELab	<a href="#">72.80, -33.26, -11.21</a>
CIELCh	<a href="#">73, 35.102, 198.618</a>
Yxy	<a href="#">44.8592, 0.2357, 0.3258</a>
Android (android.graphics.Color)	<a href="#">4282827974 (0xFF46C4C6)</a>
YUV	<a href="#">158.5540, 19.4469, -77.6619</a>
Hunter-Lab	<a href="#">66.9770, -30.7041, -6.5610</a>

# Details

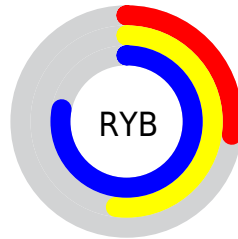
The Android color **4282827974** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **4291184710**, and the grayscale version is **4288585374**.

A 20% lighter version of the original color is **4287036927**, and **4278226576** is the 20% darker color. If you saturate the color by 10%, you get **4281517254**, and if you desaturate by 10%, it is **4284138694**.

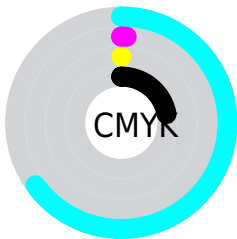
# Distribution



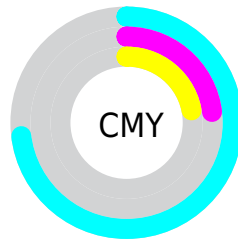
- Red (27%)
- Green (77%)
- Blue (78%)



- Red (27%)
- Yellow (52%)
- Blue (78%)



- Cyan (65%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (73%)
- Magenta (23%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282827974 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 4282827974 by changing the saturation by 10% instead.





4282827974



4282827974

4294967295



4280002731



4287036927



4278226576



4289003519



4278219895



4290969599



4278213470



4292935679



4278207046

4294901759



4278201392



4278194972



4278190080



4282827974



4282827974

■ 4281517254

■ 4284138694

■ 4280206278

■ 4285449670

■ 4278961094

■ 4286694854

■ 4278240198

■ 4288005574

■ 4289316550

■ 4290627270

■ 4291937990

■ 4293183174

■ 4294494150

# Harmonies

## Analogous

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



4285121445



4282827974



4282892770

# Triad

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



4282827974



4291797981



4292127860

# Complementary

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



4282827974



4291184710

# 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.



4293567108



4282827974



4293565376

# Square

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



4282827974



4289048559



4294089632



4290033525

# Rectangle

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



4282827974



4284660974



4294089632



4292651383



# Sweetspot

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



4282827974



4291821311



4282828358



4284645248



4278190080



4286611584



# Same Dimension

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



4282827974



4281924863



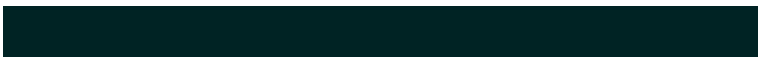
4282812102



4284113763



4278231459



4278199076



# Inverse Universe

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



4291184324



4294916348



4291200582



4284701283



4288872609

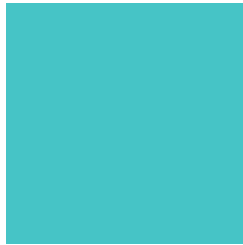


4280549411



# Previews

## White Background



This preview shows how the Android color 4282827974 looks on a white background.

## Color Contrast Check

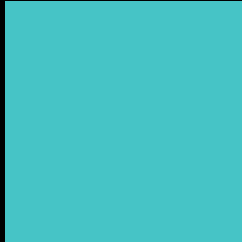
Large Text (above 18pt) WCAG AA × Fail

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 4282827974 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 4282827974 Background



This preview shows how black text looks on a background with the Android color 4282827974.



This preview shows how white text looks on a background with the Android color 4282827974.

# 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**  
4282827974



**Protanomaly**  
4287346622



**Deuteranomaly**  
4287477193

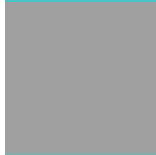


**Tritanomaly**  
4283089870

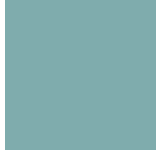
# Monochromacy



**Original Color**  
4282827974



**Achromatopsia**  
4288651167



**Achromatomaly**  
4286557357

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282827974 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(70, 196, 198)` looks like.

```
.text, #text, p{  
    color:rgb(70, 196, 198)  
}
```

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(70, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 196, 198) }
```

## Border

The CSS property to change the border of an element to Android 4282827974 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(70, 196, 198) }
```

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

```
.border{ border-color:rgb(70, 196, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 196, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 196, 198);  
box-shadow:4px 4px 4px 4px rgb(70, 196,  
198) }
```

# Background

The CSS property to change the background color of an element to Android 4282827974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 196, 198) }
```

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

```
.background{ background-color: rgb(70, 196,  
198) }
```

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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