

# Converting Colors

Android(4280854985)

Have a look what the booklet for  
Android(4280854985) contains.

<b>Android(4280854985)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4280854985)**

# Conversions

## Conversions Part 1

Format	Color
Hex	28A9C9
RGB	40, 169, 201
RGB Percent	16%, 66%, 79%
CMY	0.8431, 0.3373, 0.2118
CMYK	0.80, 0.16, 0.00, 0.21
HSL	192°, 67%, 47%
HSV	192°, 80%, 79%
XYZ	25.6057, 33.0441, 60.2869
YIQ	134.0770, -87.1560, -17.3960

# Conversions

## Conversions Part 2

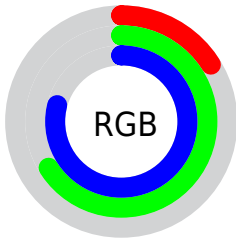
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 112, 201
Decimal	2664905
CIELab	64.20, -22.75, -25.96
CIELCh	64, 34.517, 228.771
Yxy	33.0441, 0.2153, 0.2778
Android (android.graphics.Color)	4280854985 (0xFF28A9C9)
YUV	134.0770, 32.9930, -82.5055
Hunter-Lab	57.4840, -21.0860, -21.9422

# Details

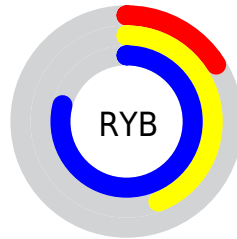
The Android color **4280854985** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **4291381288**, and the grayscale version is **4287006342**.

A 20% lighter version of the original color is **4285653247**, and **4278220179** is the 20% darker color. If you saturate the color by 10%, you get **4279543241**, and if you desaturate by 10%, it is **4282166729**.

# Distribution



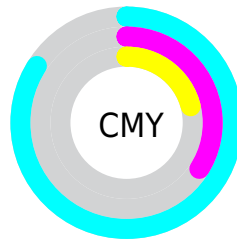
- Red (16%)
- Green (66%)
- Blue (79%)



- Red (16%)
- Yellow (44%)
- Blue (79%)



- Cyan (80%)
- Magenta (16%)
- Yellow (0%)
- Black (21%)



- Cyan (84%)
- Magenta (34%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280854985 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 4280854985 by changing the saturation by 10% instead.





4280854985



4280854985

4294967295



4278226606



4285653247



4278220179



4287692287



4278213753



4289658879



4278207584



4291690495



4278201672



4293656575



4278196530



4278190620



4278190080



4280854985



4280854985

■ 4279543241

■ 4282166729

■ 4278231497

■ 4283478473

■ 4284790217

■ 4286101961

■ 4287479241

■ 4288790985

■ 4290102729

■ 4291414473

■ 4292726217

# Harmonies

## Analogous

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



4280855726



4280854985



4284195543

# Triad

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



4280854985



4291855785



4288520288

# Complementary

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



4280854985



4291381288

# 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.



4290418271



4280854985



4292379785

# Square

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



4280854985



4290219460



4291857263



4286162802

# Rectangle

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



4280854985



4286487768



4291857263



4289174878

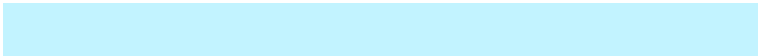


# Sweetspot

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



4280854985



4290966527



4280863046



4284184704



4278190080



4286611584

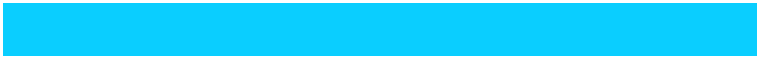


# Same Dimension

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



4280854985



4278898431



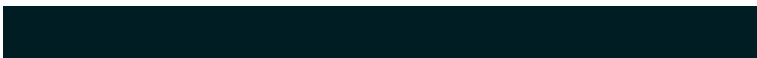
4280835017



4284113251



4278223779



4278197540



# Inverse Universe

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



4291373225



4294904526



4291401256



4284701281



4288872579



4280549405



# Previews

## White Background



This preview shows how the Android color 4280854985 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 4280854985 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 4280854985 Background



This preview shows how black text looks on a background with the Android color 4280854985.



This preview shows how white text looks on a background with the Android color 4280854985.

# 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**  
4279413946

# Trichromacy



**Original Color**

4280854985



**Protanomaly**

4285243330



**Deuteranomaly**

4285112012



**Tritanomaly**

4279937983

# Monochromacy



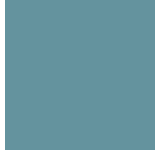
**Original Color**

4280854985



**Achromatopsia**

4287006342



**Achromatomaly**

4284781470

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280854985 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(40, 169, 201)` looks like.

```
.text, #text, p{  
    color:rgb(40, 169, 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(40, 169, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 169, 201) }
```

## Border

The CSS property to change the border of an element to Android 4280854985 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(40, 169, 201) }
```

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

```
.border{ border-color:rgb(40, 169, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 169, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 169, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 169, 201);  
box-shadow:4px 4px 4px 4px rgb(40, 169,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4280854985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 169, 201) }
```

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

```
.background{ background-color: rgb(40, 169,  
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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