

# Converting Colors

Android(4280862626)

Have a look what the booklet for  
Android(4280862626) contains.

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**Color**

**Android(4280862626)**

# Conversions

## Conversions Part 1

Format	Color
Hex	28C7A2
RGB	40, 199, 162
RGB Percent	16%, 78%, 64%
CMY	0.8431, 0.2196, 0.3647
CMYK	0.80, 0.00, 0.19, 0.22
HSL	166°, 67%, 47%
HSV	166°, 80%, 78%
XYZ	27.8201, 43.9066, 41.1910
YIQ	147.2410, -82.8870, -45.2150

# Conversions

## Conversions Part 2

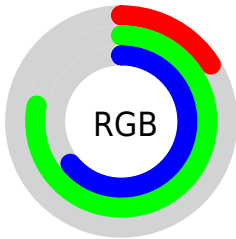
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 130, 199
Decimal	2672546
CIELab	72.17, -48.05, 7.36
CIElCh	72, 48.608, 171.288
Yxy	43.9066, 0.2464, 0.3888
Android (android.graphics.Color)	4280862626 (0xFF28C7A2)
YUV	147.2410, 7.2762, -94.0504
Hunter-Lab	66.2621, -41.0155, 9.5266

# Details

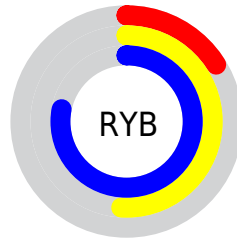
The Android color **4280862626** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **4291242061**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4285661145**, and **4278227054** is the 20% darker color. If you saturate the color by 10%, you get **4279551901**, and if you desaturate by 10%, it is **4282173351**.

# Distribution



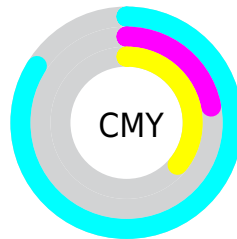
- Red (16%)
- Green (78%)
- Blue (64%)



- Red (16%)
- Yellow (51%)
- Blue (78%)



- Cyan (80%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)



- Cyan (84%)
- Magenta (22%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280862626 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 4280862626 by changing the saturation by 10% instead.





4280862626



4280862626

4294967295



4278233992



4285661145



4278227054



4287692789



4278220374



4289724415



4278213695



4291690495



4278207273



4293722111



4278201620



4278193664



4278190080



4280862626



4280862626

■ 4279551901

■ 4282173351

■ 4278241177

■ 4283484075

■ 4284794800

■ 4286105525

■ 4287416249

■ 4288661438

■ 4289972162

■ 4291282887

■ 4292593612

# Harmonies

## Analogous

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



4286169719



4280862626



4278241488

# Triad

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



4280862626



4288719615



4294417005

# Complementary

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



4280862626



4291242061

# 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.



4294938259



4280862626



4292647401

# Square

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



4280862626



4282694143



4294807232



4292323928

# Rectangle

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



4280862626



4278240746



4294807232



4294874488

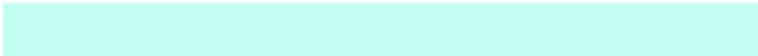


# Sweetspot

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



4280862626



4290969585



4283287336



4284186743



4278190080



4286611584



# Same Dimension

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



4280862626



4278910918



4280851911



4284113761



4278231933



4278199323



# Inverse Universe

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



4291242061



4294904387



4291252776



4284701276



4288872486

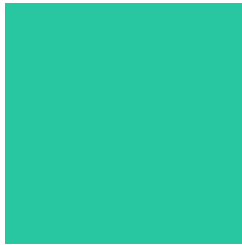


4280549384



# Previews

## White Background



This preview shows how the Android color 4280862626 looks on a white background.

## Color Contrast Check

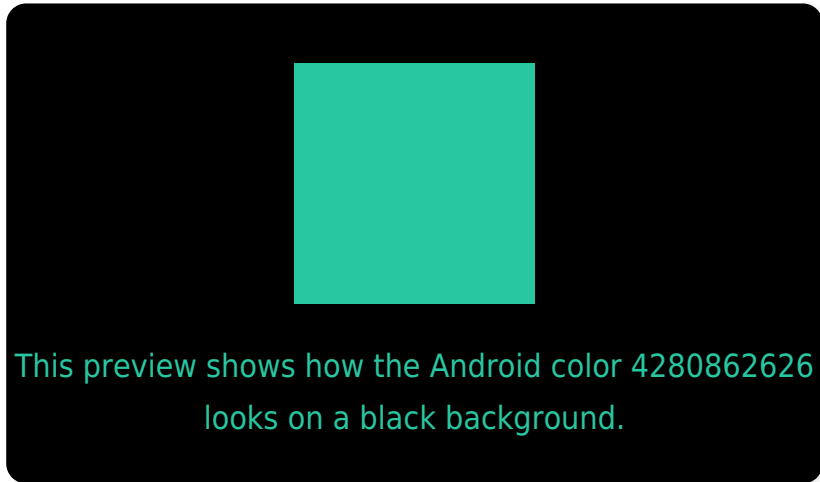
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

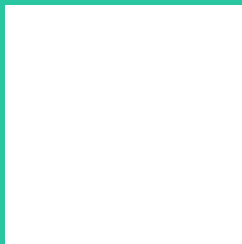
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280862626 Background



This preview shows how black text looks on a background with the Android color 4280862626.



This preview shows how white text looks on a background with the Android color 4280862626.

# 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**

4280862626



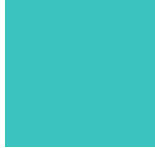
**Protanomaly**

4286888090



**Deuteranomaly**

4287346086



**Tritanomaly**

4282041279

# Monochromacy



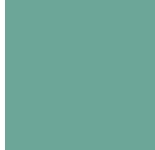
**Original Color**

4280862626



**Achromatopsia**

4287861651



**Achromatomaly**

4285310616

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280862626 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, 199, 162)` looks like.

```
.text, #text, p{  
    color:rgb(40, 199, 162)  
}
```

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, 199, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 199, 162) }
```

## Border

The CSS property to change the border of an element to Android 4280862626 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, 199, 162) }
```

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

```
.border{ border-color:rgb(40, 199, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 199, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 199, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 199, 162);  
box-shadow:4px 4px 4px 4px rgb(40, 199,  
162) }
```

# Background

The CSS property to change the background color of an element to Android 4280862626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 199, 162) }
```

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

```
.background{ background-color: rgb(40, 199,  
162) }
```

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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