

# Converting Colors

Android(4280848784)

Have a look what the booklet for  
Android(4280848784) contains.

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# Color

**Android(4280848784)**

# Conversions

## Conversions Part 1

Format	Color
Hex	289190
RGB	40, 145, 144
RGB Percent	16%, 57%, 56%
CMY	0.8431, 0.4314, 0.4353
CMYK	0.72, 0.00, 0.01, 0.43
HSL	179°, 57%, 36%
HSV	179°, 72%, 57%
XYZ	16.0345, 22.7155, 29.9250
YIQ	113.4910, -62.2590, -22.5710

# Conversions

## Conversions Part 2

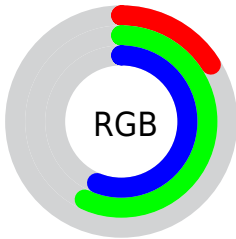
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 93, 145
Decimal	2658704
CIELab	54.78, -28.80, -8.00
CIELCh	55, 29.893, 195.527
Yxy	22.7155, 0.2335, 0.3308
Android (android.graphics.Color)	4280848784 (0xFF289190)
YUV	113.4910, 15.0409, -64.4516
Hunter-Lab	47.6608, -23.3537, -3.8641

# Details

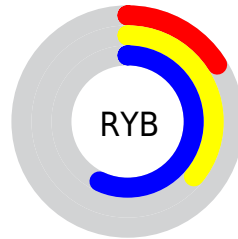
The Android color `4280848784` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287703081`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4284991430`, and `4278214238` is the 20% darker color. If you saturate the color by 10%, you get `4279931280`, and if you desaturate by 10%, it is `4281831824`.

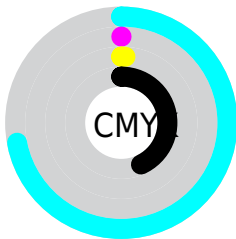
# Distribution



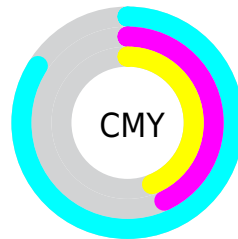
- Red (16%)
- Green (57%)
- Blue (56%)



- Red (16%)
- Yellow (36%)
- Blue (57%)



- Cyan (72%)
- Magenta (0%)
- Yellow (1%)
- Black (43%)



- Cyan (84%)
- Magenta (43%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280848784 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 4280848784 by changing the saturation by 10% instead.





4280848784



4280848784

4294967295



4278220662



4284991430



4278214238



4286833890



4278208070



4288741374



4278202160



4290641919



4278196763



4292542463



4278190080



4294508543



4280848784



4280848784



4279931280



4281831824

■ 4278948240

■ 4282749328

■ 4278227344

■ 4283732368

■ 4284649873

■ 4285632913

■ 4286550417

■ 4287533457

■ 4288450961

■ 4289434001

# Harmonies

## Analogous

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



4283076725



4280848784



4280455079

# Triad

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



4280848784



4288116903



4288642385

# Complementary

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



4280848784



4287703081

# 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.



4289754463



4280848784



4289622417

# Square

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



4280848784



4285825461



4290146166



4287071825

# Rectangle

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



4280848784



4282092466



4290146166



4289100373



# Sweetspot

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



4280848784



4287872444



4280979752



4282801758



4292796126



4284374622



# Same Dimension

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



4280848784



4279877051



4280835729



4282402631



4278224774



4278192136



# Inverse Universe

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



4287703081



4290582810



4287716136



4282859584



4287037441



4278714368



# Previews

## White Background



This preview shows how the Android color 4280848784 looks on a white background.

## Color Contrast Check

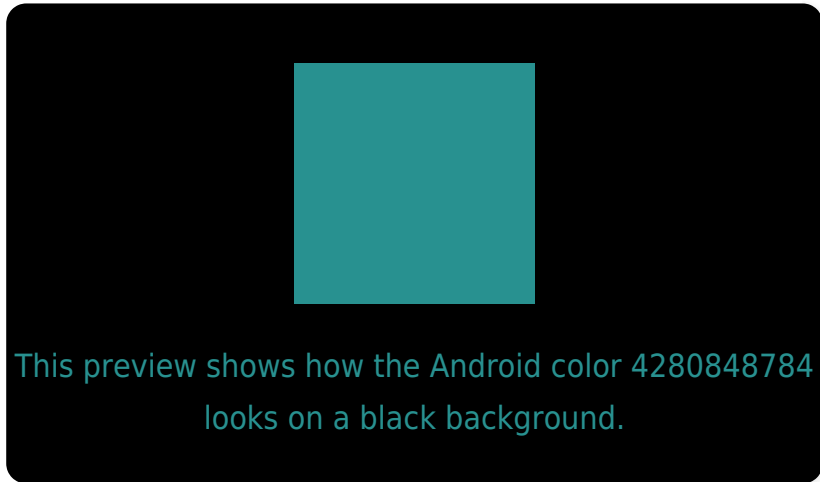
Large Text (above 18pt) WCAG AA ✓ Pass

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

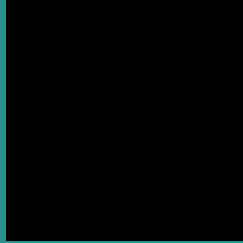
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4280848784 Background



This preview shows how black text looks on a background with the Android color 4280848784.



This preview shows how white text looks on a background with the Android color 4280848784.

# 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**

4280848784



**Protanomaly**

4284647306



**Deuteranomaly**

4284778131



**Tritanomaly**

4281110679

# Monochromacy



**Original Color**

4280848784



**Achromatopsia**

4285624689



**Achromatomaly**

4283858300

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280848784 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, 145, 144)` looks like.

```
.text, #text, p{  
    color:rgb(40, 145, 144)  
}
```

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, 145, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 145, 144) }
```

## Border

The CSS property to change the border of an element to Android 4280848784 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, 145, 144) }
```

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

```
.border{ border-color:rgb(40, 145, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 145, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 145, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 145, 144);  
box-shadow:4px 4px 4px 4px rgb(40, 145,  
144) }
```

# Background

The CSS property to change the background color of an element to Android 4280848784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 145, 144) }
```

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

```
.background{ background-color: rgb(40, 145,  
144) }
```

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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