

# Converting Colors

Android(4280789899)

Have a look what the booklet for  
Android(4280789899) contains.

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**Color**

**Android(4280789899)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27AB8B
RGB	39, 171, 139
RGB Percent	15%, 67%, 55%
CMY	0.8471, 0.3294, 0.4549
CMYK	0.77, 0.00, 0.19, 0.33
HSL	165°, 63%, 41%
HSV	165°, 77%, 67%
XYZ	20.0598, 31.4212, 29.4337
YIQ	127.8840, -68.4000, -37.9360

# Conversions

## Conversions Part 2

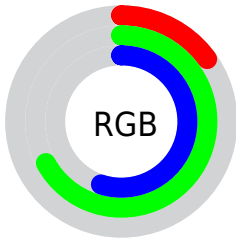
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 114, 171
Decimal	2599819
CIELab	62.86, -42.23, 6.65
CIElCh	63, 42.750, 171.050
Yxy	31.4212, 0.2479, 0.3883
Android (android.graphics.Color)	4280789899 (0xFF27AB8B)
YUV	127.8840, 5.4802, -77.9513
Hunter-Lab	56.0546, -34.2173, 8.1057

# Details

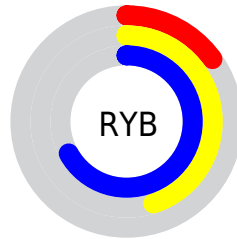
The Android color **4280789899** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **4289406791**, and the grayscale version is **4286611584**.

A 20% lighter version of the original color is **4285195200**, and **4278220377** is the 20% darker color. If you saturate the color by 10%, you get **4279675783**, and if you desaturate by 10%, it is **4281904015**.

# Distribution



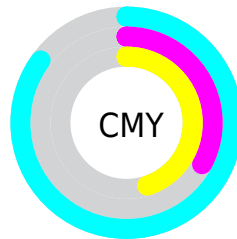
- Red (15%)
- Green (67%)
- Blue (55%)



- Red (15%)
- Yellow (45%)
- Blue (67%)



- Cyan (77%)
- Magenta (0%)
- Yellow (19%)
- Black (33%)



- Cyan (85%)
- Magenta (33%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280789899 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 4280789899 by changing the saturation by 10% instead.





4280789899



4280789899

4294967295



4278227058



4285195200



4278220377



4287168476



4278213698



4289069049



4278207532



4291035135



4278201623



4293001215



4278194688



4278190080



4280789899



4280789899



4279675783



4281904015

■ 4278561667

■ 4283018131

■ 4278233986

■ 4284132247

■ 4285246364

■ 4286360480

■ 4287540132

■ 4288654248

■ 4289768364

■ 4290882480

# Harmonies

## Analogous

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



4285048679



4280789899



4278234290

# Triad

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



4280789899



4287271903



4292117598

# Complementary

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



4280789899



4289406791

# 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.



4292901503



4280789899



4290544840

# Square

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



4280789899



4282163171



4292442789



4290351692

# Rectangle

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



4280789899



4278233801



4292442789



4292509800



# Sweetspot

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



4280789899



4289453777



4282952487



4283527273



4293980400



4285558896



# Same Dimension

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



4280789899



4279295660



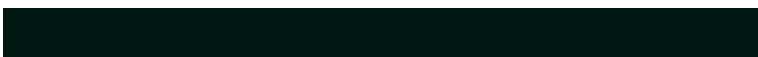
4280781483



4283324245



4278228594



4278195985



# Inverse Universe

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



4289406791



4292743234



4289415207



4283911760



4288020516

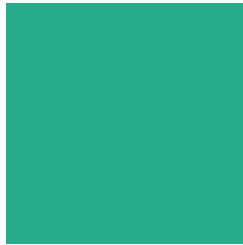


4279697414



# Previews

## White Background



This preview shows how the Android color 4280789899 looks on a white background.

## Color Contrast Check

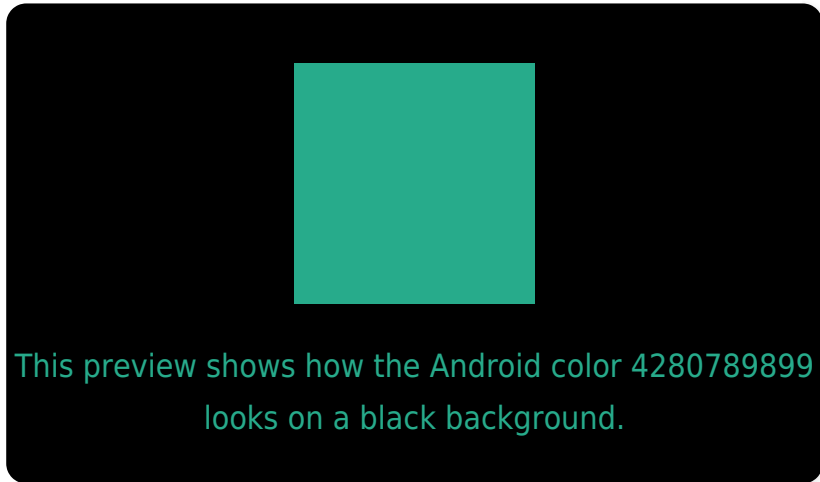
Large Text (above 18pt) WCAG AA × Fail

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 4280789899 Background



This preview shows how black text looks on a background with the Android color 4280789899.



This preview shows how white text looks on a background with the Android color 4280789899.

# 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**  
4280789899



**Protanomaly**  
4285767301



**Deuteranomaly**  
4286159758



**Tritanomaly**  
4281772196

# Monochromacy



**Original Color**  
4280789899



**Achromatopsia**  
4286611584



**Achromatomaly**  
4284518532

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280789899 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(39, 171, 139)` looks like.

```
.text, #text, p{  
    color:rgb(39, 171, 139)  
}
```

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(39, 171, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 171, 139) }
```

## Border

The CSS property to change the border of an element to Android 4280789899 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(39, 171, 139) }
```

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

```
.border{ border-color:rgb(39, 171, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 171, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 171, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 171, 139);  
box-shadow:4px 4px 4px 4px rgb(39, 171,  
139) }
```

# Background

The CSS property to change the background color of an element to Android 4280789899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 171, 139) }
```

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

```
.background{ background-color: rgb(39, 171,  
139) }
```

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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