

# Converting Colors

Android(4279927963)

Have a look what the booklet for  
Android(4279927963) contains.

<b>Android(4279927963)</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(4279927963)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A849B
RGB	26, 132, 155
RGB Percent	10%, 52%, 61%
CMY	0.8980, 0.4824, 0.3922
CMYK	0.83, 0.15, 0.00, 0.39
HSL	191°, 71%, 35%
HSV	191°, 83%, 61%
XYZ	14.5937, 19.0887, 33.9257
YIQ	102.9280, -70.5590, -15.3190

# Conversions

## Conversions Part 2

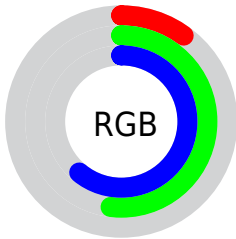
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 84, 155
Decimal	1737883
CIE <sub>Lab</sub>	50.79, -20.15, -20.43
CIE <sub>LCh</sub>	51, 28.697, 225.393
Yxy	19.0887, 0.2159, 0.2823
Android (android.graphics.Color)	4279927963 (0xFF1A849B)
YUV	102.9280, 25.6715, -67.4659
Hunter-Lab	43.6906, -16.8355, -15.4551

# Details

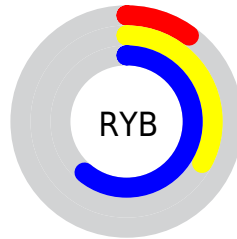
The Android color `4279927963` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288360730`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4284463569`, and `4278211176` is the 20% darker color. If you saturate the color by 10%, you get `4278878619`, and if you desaturate by 10%, it is `4280911771`.

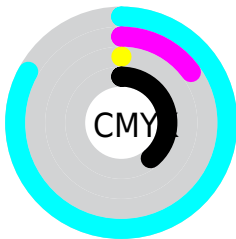
# Distribution



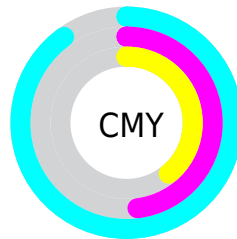
- Red (10%)
- Green (52%)
- Blue (61%)



- Red (10%)
- Yellow (33%)
- Blue (61%)



- Cyan (83%)
- Magenta (15%)
- Yellow (0%)
- Black (39%)



- Cyan (90%)
- Magenta (48%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279927963 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 4279927963 by changing the saturation by 10% instead.



 4279927963

 4279927963

4294967295

 4278217601

 4284463569

 4278211176

 4286436846

 4278205264

 4288344575

 4278199609

 4290248703

 4278192163

 4292149247

 4278190091

 4294115327

 4278190080

 4279927963

 4279927963

 4278878619

 4280911771

■ 4278222747

■ 4281961115

■ 4282944667

■ 4283994011

■ 4284977819

■ 4286027163

■ 4287010715

■ 4288060059

■ 4289043867

# Harmonies

## Analogous

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



4280387205



4279927963



4282482600

# Triad

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



4279927963



4288767878



4286413641

# Complementary

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



4279927963



4288360730

# 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.



4287918922



4279927963



4289291885

# Square

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



4279927963



4287393435



4288965463



4284580438

# Rectangle

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



4279927963



4284316329



4288965463



4286937416



# Sweetspot

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



4279927963



4288135369



4279933743



4282868070



4293322470



4284900966



# Same Dimension

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



4279927963



4278232777



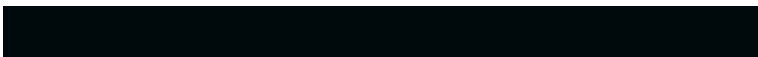
4279911835



4282731341



4278219660



4278192653



# Inverse Universe

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



4288354948



4291362982



4288376858



4283254091



4287365235



4279042058



# Previews

## White Background



This preview shows how the Android color 4279927963 looks on a white background.

## Color Contrast Check

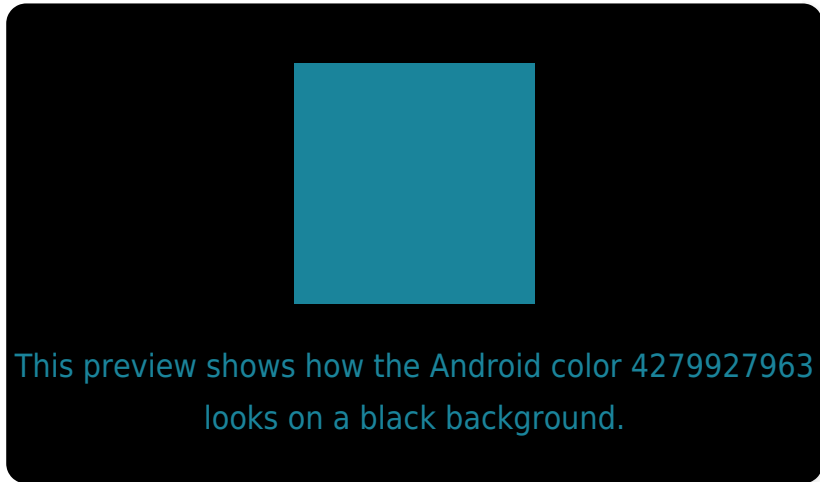
Large Text (above 18pt) WCAG AA ✓ Pass

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

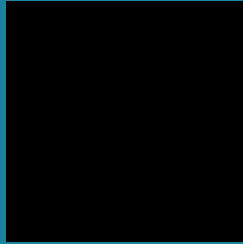
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4279927963 Background



This preview shows how black text looks on a background with the Android color 4279927963.

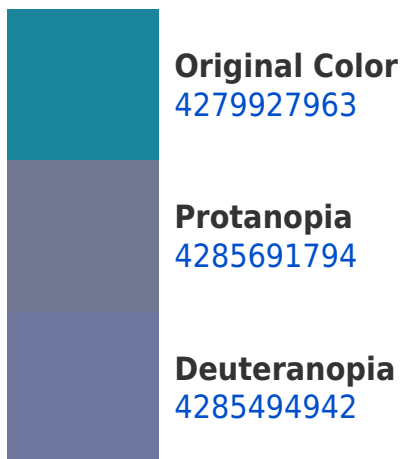


This preview shows how white text looks on a background with the Android color 4279927963.

# 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**  
4279927963

**Protanomaly**  
4283595925

**Deuteranomaly**  
4283464605

**Tritanomaly**  
4278814101

# Monochromacy



**Original Color**  
4279927963

**Achromatopsia**  
4284966759

**Achromatomaly**  
4283134586

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279927963 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(26, 132, 155)` looks like.

```
.text, #text, p{  
    color:rgb(26, 132, 155)  
}
```

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(26, 132, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 132, 155) }
```

## Border

The CSS property to change the border of an element to Android 4279927963 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(26, 132, 155) }
```

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

```
.border{ border-color:rgb(26, 132, 155) }
```

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

Here you see how a box with a 4 pixel rgb(26, 132, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 132, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 132, 155);  
box-shadow:4px 4px 4px 4px rgb(26, 132,  
155) }
```

# Background

The CSS property to change the background color of an element to Android 4279927963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 132, 155) }
```

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

```
.background{ background-color: rgb(26, 132,  
155) }
```

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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