

# Converting Colors

Android(4279990914)

Have a look what the booklet for  
Android(4279990914) contains.

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# Color

**Android(4279990914)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1B7A82
RGB	27, 122, 130
RGB Percent	11%, 48%, 51%
CMY	0.8941, 0.5216, 0.4902
CMYK	0.79, 0.06, 0.00, 0.49
HSL	185°, 66%, 31%
HSV	185°, 79%, 51%
XYZ	11.4408, 15.7638, 23.5588
YIQ	94.5070, -59.1880, -17.6520

# Conversions

## Conversions Part 2

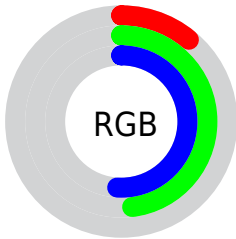
<b>Format</b>	<b>Color</b>
<b>RYB</b>	27, 76, 130
Decimal	1800834
CIELab	46.66, -23.23, -12.03
CIELCh	47, 26.155, 207.380
Yxy	15.7638, 0.2254, 0.3105
Android (android.graphics.Color)	4279990914 (0xFF1B7A82)
YUV	94.5070, 17.4980, -59.2036
Hunter-Lab	39.7036, -18.0457, -7.3882




# Details

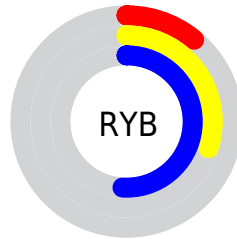
The Android color `4279990914` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286718747`, and the grayscale version is `4284374622`.




A 20% lighter version of the original color is `4284198839`, and `4278208849` is the 20% darker color. If you saturate the color by 10%, you get `4279138690`, and if you desaturate by 10%, it is `4280843138`.

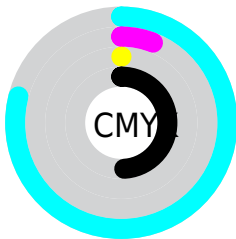
# Distribution







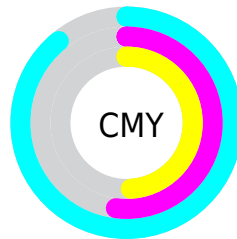
-  Red (11%)
-  Green (48%)
-  Blue (51%)






-  Red (11%)
-  Yellow (30%)
-  Blue (51%)



-  Cyan (79%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (89%)
-  Magenta (52%)
-  Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279990914 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 4279990914 by changing the saturation by 10% instead.



 4279990914

 4279990914

4294967295

 4278215017

 4284198839

 4278208849

 4286040787

 4278202938

 4287883247

 4278197796

 4289789951

 4278190351

 4291690495

 4278190080

 4293591039

 4279990914

 4279990914

 4279138690

 4280843138

■ 4278286466

■ 4281695362

■ 4278220930

■ 4282547586

■ 4283399810

■ 4284252034

■ 4285104258

■ 4285956482

■ 4286808706

■ 4287660930

# Harmonies

## Analogous

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



4281563756



4279990914



4280907667

# Triad

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



4279990914



4287193735



4286541123

# Complementary

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



4279990914



4286718747

# 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.



4287653194



4279990914



4288110193

# Square

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



4279990914



4285491861



4288241500



4285035335

# Rectangle

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



4279990914



4282413977



4288241500



4286999108



# Sweetspot

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



4279990914



4286621096



4279992866



4282143316



4292138196



4283716692



# Same Dimension

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



4279990914



4278754472



4279978114



4281941824



4278220416



4278190080



# Inverse Universe

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



4286716794



4289202332



4286731547



4282399039



4286578806

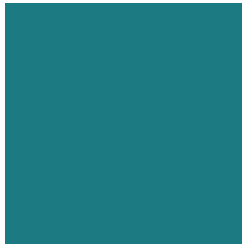


4278190080



# Previews

## White Background



This preview shows how the Android color 4279990914 looks on a white background.

## Color Contrast Check

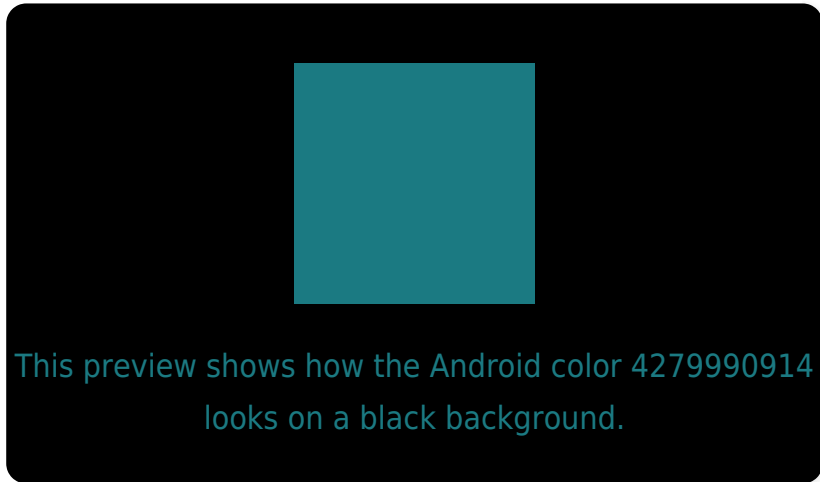
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

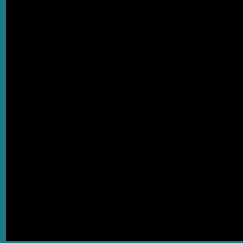
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

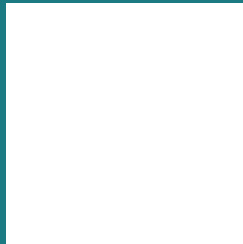
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279990914 Background



This preview shows how black text looks on a background with the Android color 4279990914.



This preview shows how white text looks on a background with the Android color 4279990914.

# 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



**Original Color**

4279990914

**Protanopia**

4285361530

**Deuteranopia**

4285361285



# Trichromacy



**Original Color**  
4279990914

**Protanomaly**  
4283396733

**Deuteranomaly**  
4283396484

**Tritanomaly**  
4280056451

# Monochromacy



**Original Color**  
4279990914

**Achromatopsia**  
4284440415

**Achromatomaly**  
4282804588

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279990914 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(27, 122, 130)` looks like.

```
.text, #text, p{  
    color:rgb(27, 122, 130)  
}
```

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(27, 122, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 122, 130) }
```

## Border

The CSS property to change the border of an element to Android 4279990914 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(27, 122, 130) }
```

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

```
.border{ border-color:rgb(27, 122, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 122, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 122, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 122, 130);  
box-shadow:4px 4px 4px 4px rgb(27, 122,  
130) }
```

# Background

The CSS property to change the background color of an element to Android 4279990914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 122, 130) }
```

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

```
.background{ background-color: rgb(27, 122,  
130) }
```

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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