

Converting Colors

Android(4279991939)

Have a look what the booklet for
Android(4279991939) contains.

Android(4279991939)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4279991939)

Conversions

Conversions Part 1

Format	Color
Hex	1B7E83
RGB	27, 126, 131
RGB Percent	11%, 49%, 51%
CMY	0.8941, 0.5059, 0.4863
CMYK	0.79, 0.04, 0.00, 0.49
HSL	183°, 66%, 31%
HSV	183°, 79%, 51%
XYZ	12.0096, 16.7934, 24.0812
YIQ	96.9690, -60.6090, -19.4330

Conversions

Conversions Part 2

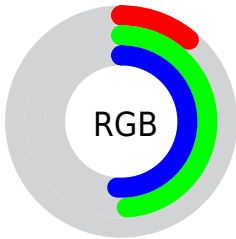
Format	Color
RYB	27, 78, 131
Decimal	1801859
CIELab	48.00, -24.96, -10.61
CIElCh	48, 27.117, 203.025
Yxy	16.7934, 0.2271, 0.3176
Android (android.graphics.Color)	4279991939 (0xFF1B7E83)
YUV	96.9690, 16.7773, -61.3628
Hunter-Lab	40.9798, -19.4032, -6.1551

Details

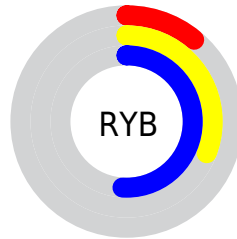
The Android color `4279991939` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286783515`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4284199864`, and `4278209618` is the 20% darker color. If you saturate the color by 10%, you get `4279139715`, and if you desaturate by 10%, it is `4280844163`.

Distribution



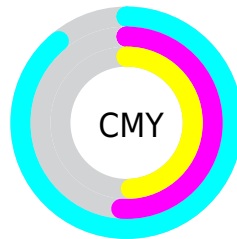
- Red (11%)
- Green (49%)
- Blue (51%)



- Red (11%)
- Yellow (31%)
- Blue (51%)



- Cyan (79%)
- Magenta (4%)
- Yellow (0%)
- Black (49%)



- Cyan (89%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279991939 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 4279991939 by changing the saturation by 10% instead.

 4279991939

 4279991939

4294967295

 4278216042

 4284199864

 4278209618

 4286107604


 4278203707

 4287949808

 4278198565

 4289855487

 4278190352

 4291756031

 4278190080

 4293656575

 4279991939

 4279991939

 4279139715

 4280844163

■ 4278287747

■ 4281696131

■ 4278222211

■ 4282548355

■ 4283400579

■ 4284318083

■ 4285170307

■ 4286022275

■ 4286874499

■ 4287726723

Harmonies

Analogous

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



4281826924



4279991939



4280515478

Triad

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



4279991939



4287260302



4287000388

Complementary

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



4279991939



4286783515

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.



4288112462



4279991939



4288373112

Square

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



4279991939



4285361820



4288635233



4285494855

Rectangle

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



4279991939



4282087581



4288635233



4287392838

Sweetspot

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



4279991939



4286753195



4279993118



4282275159



4292269782



4283914071

Same Dimension

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



4279991939



4278821803



4279979139



4282139202



4278221954



4278190595

Inverse Universe

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



4286782334



4289399203



4286796315



4282530882



4286709884



4278386690

Previews

White Background



This preview shows how the Android color 4279991939 looks on a white background.

Color Contrast Check

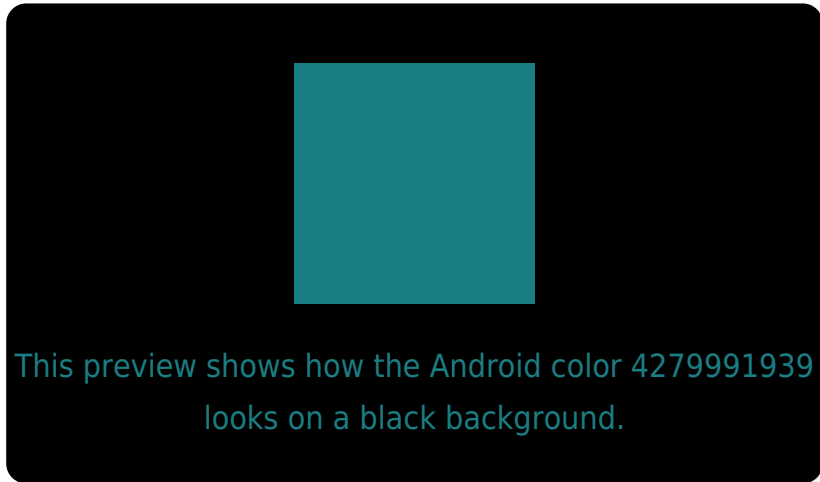
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279991939 Background



This preview shows how black text looks on a background with the Android color 4279991939.

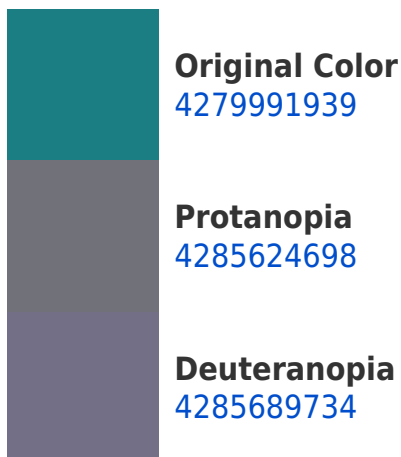


This preview shows how white text looks on a background with the Android color 4279991939.

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



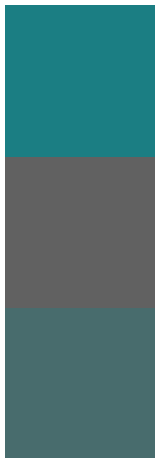
Original Color
4279991939

Protanomaly
4283594365

Deuteranomaly
4283593861

Tritanomaly
4280188294

Monochromacy



Original Color
4279991939

Achromatopsia
4284572001

Achromatomaly
4282936429

CSS Examples

Text

The CSS property to change the color of the text to Android 4279991939 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, 126, 131)` looks like.

```
.text, #text, p{  
    color:rgb(27, 126, 131)  
}
```

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, 126, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 126, 131) }
```

Border

The CSS property to change the border of an element to Android 4279991939 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, 126, 131) }
```

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

```
.border{ border-color:rgb(27, 126, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 126, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 126, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 126, 131);  
box-shadow:4px 4px 4px 4px rgb(27, 126,  
131) }
```

Background

The CSS property to change the background color of an element to Android 4279991939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 126, 131) }
```

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

```
.background{ background-color: rgb(27, 126,  
131) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor