

Converting Colors

Android(4279017360)

Have a look what the booklet for
Android(4279017360) contains.

Android(4279017360)	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(4279017360)

Conversions

Conversions Part 1

Format	Color
Hex	0C9F90
RGB	12, 159, 144
RGB Percent	5%, 62%, 56%
CMY	0.9529, 0.3765, 0.4353
CMYK	0.92, 0.00, 0.09, 0.38
HSL	174°, 86%, 34%
HSV	174°, 92%, 62%
XYZ	17.5838, 26.8881, 30.6487
YIQ	113.3370, -82.7970, -35.8290

Conversions

Conversions Part 2

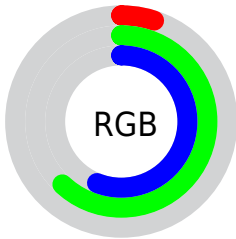
Format	Color
RYB	12, 89, 159
Decimal	827280
CIELab	58.87, -37.82, -1.99
CIELCh	59, 37.869, 183.006
Yxy	26.8881, 0.2341, 0.3579
Android (android.graphics.Color)	4279017360 (0xFF0C9F90)
YUV	113.3370, 15.1169, -88.8725
Hunter-Lab	51.8537, -30.2139, 1.2536

Details

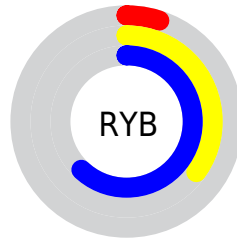
The Android color `4279017360` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288613403`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4284339910`, and `4278217566` is the 20% darker color. If you saturate the color by 10%, you get `4278230927`, and if you desaturate by 10%, it is `4280065938`.

Distribution



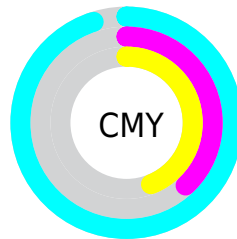
- Red (5%)
- Green (62%)
- Blue (56%)



- Red (5%)
- Yellow (35%)
- Blue (62%)



- Cyan (92%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)



- Cyan (95%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279017360 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 4279017360 by changing the saturation by 10% instead.

 4279017360

 4279017360

4294967295

 4278223990

 4284339910

 4278217566

 4286378978

 4278211142

 4288282622

 4278204976

 4290248703

 4278199579

 4292214783

 4278190080


 4294180863

 4279017360

 4279017360

 4278230927

 4280065938

 4281114515

 4282163093

 4283211670

 4284260248

 4285243290

 4286291867

 4287340445

 4288389023

Harmonies

Analogous

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



4283669614



4279017360



4278230705

Triad

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



4279017360



4287988933



4290478419

Complementary

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



4279017360



4288613403

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.



4291524459



4279017360



4290410668

Square

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



4279017360



4284453072



4291589004



4288646474

Rectangle

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



4279017360



4278229954



4291589004



4290936154

Sweetspot

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



4279017360



4288008137



4280131340



4282739045



4293454056



4285098345

Same Dimension

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



4279017360



4278243257



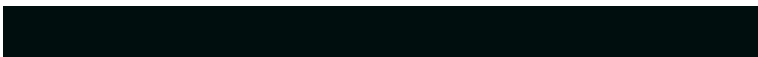
4279003039



4282863438



4278226816



4278193934

Inverse Universe

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



4288613403



4291756053



4288627724



4283385672



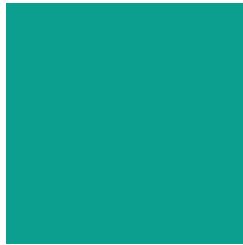
4287561743



4279173122

Previews

White Background



This preview shows how the Android color 4279017360 looks on a white background.

Color Contrast Check

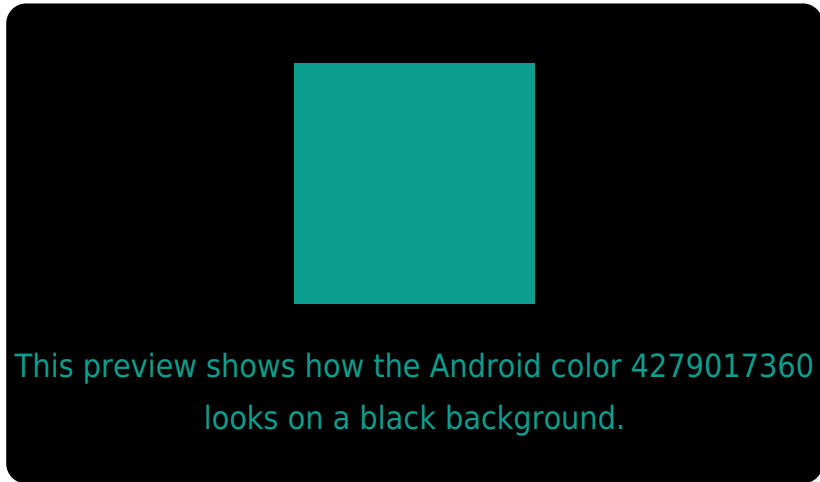
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279017360 Background



This preview shows how black text looks on a background with the Android color 4279017360.

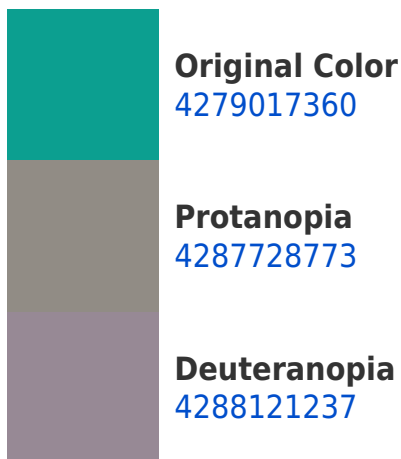


This preview shows how white text looks on a background with the Android color 4279017360.

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

4279017360



Protanomaly

4284584841



Deuteranomaly

4284780947



Tritanomaly

4280196255

Monochromacy



Original Color

4279017360



Achromatopsia

4285624689



Achromatomaly

4283204220

CSS Examples

Text

The CSS property to change the color of the text to Android 4279017360 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(12, 159, 144)` looks like.

```
.text, #text, p{  
    color:rgb(12, 159, 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(12, 159, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 159, 144) }
```

Border

The CSS property to change the border of an element to Android 4279017360 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(12, 159, 144) }
```

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

```
.border{ border-color:rgb(12, 159, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 159, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 159, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 159, 144);  
box-shadow:4px 4px 4px 4px rgb(12, 159,  
144) }
```

Background

The CSS property to change the background color of an element to Android 4279017360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 159, 144) }
```

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

```
.background{ background-color: rgb(12, 159,  
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](#).

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