

Converting Colors

Android(4279200369)

Have a look what the booklet for
Android(4279200369) contains.

| | |
|--|----|
| Android(4279200369) | 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(4279200369)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0F6A71 |
| RGB | 15, 106, 113 |
| RGB Percent | 6%, 42%, 44% |
| CMY | 0.9412, 0.5843, 0.5569 |
| CMYK | 0.87, 0.06, 0.00, 0.56 |
| HSL | 184°, 77%, 25% |
| HSV | 184°, 87%, 44% |
| XYZ | 8.3317, 11.6019, 17.4230 |
| YIQ | 79.5890, -56.4830, -17.1150 |

Conversions

Conversions Part 2

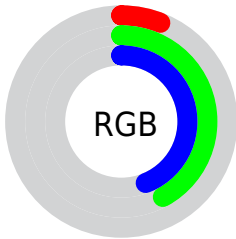
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 15, 62, 113 |
| Decimal | 1010289 |
| CIELab | 40.58, -21.75, -11.04 |
| CIELCh | 41, 24.392, 206.898 |
| Yxy | 11.6019, 0.2230, 0.3106 |
| Android (android.graphics.Color) | 4279200369 (0xFF0F6A71) |
| YUV | 79.5890, 16.4716, -56.6446 |
| Hunter-Lab | 34.0615, -15.9454, -6.4848 |

Details

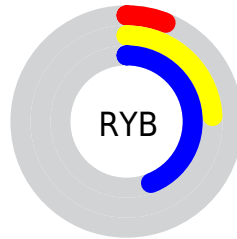
The Android color `4279200369` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285601295`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4283539109`, and `4278204993` is the 20% darker color. If you saturate the color by 10%, you get `4278479217`, and if you desaturate by 10%, it is `4279921521`.

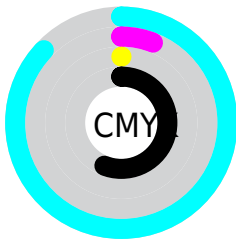
Distribution



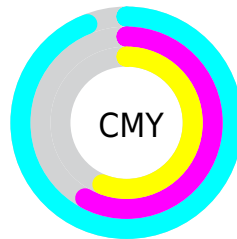
- Red (6%)
- Green (42%)
- Blue (44%)



- Red (6%)
- Yellow (24%)
- Blue (44%)



- Cyan (87%)
- Magenta (6%)
- Yellow (0%)
- Black (56%)



- Cyan (94%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279200369 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 4279200369 by changing the saturation by 10% instead.



4279200369



4279200369

4294967295



4278211161



4283539109



4278204993



4285315520



4278199339



4287157468



4278191383



4288999928



4278190080



4290904063



4292804607



4294705151



4279200369



4279200369

■ 4278479217

■ 4279921521

■ 4278217073

■ 4280708209

■ 4281429105

■ 4282150257

■ 4282936945

■ 4283658097

■ 4284379249

■ 4285100145

■ 4285886833

Harmonies

Analogous

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



4280904285



4279200369



4280117121

Triad

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



4279200369



4286010486



4285488696

Complementary

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



4279200369



4285601295

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.



4286469951



4279200369



4286861411

Square

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



4279200369



4284439427



4286992719



4284113979

Rectangle

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



4279200369



4281623686



4286992719



4285881145

Sweetspot

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



4279200369



4285370772



4279202070



4281550922



4291414473



4283058762

Same Dimension

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



4279200369



4278225300



4279187825



4281481272



4278218616



4278249207

Inverse Universe

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



4285599594



4287889545



4285613839



4281872952



4286054511



4294377702

Previews

White Background



This preview shows how the Android color 4279200369 looks on a white background.

Color Contrast Check

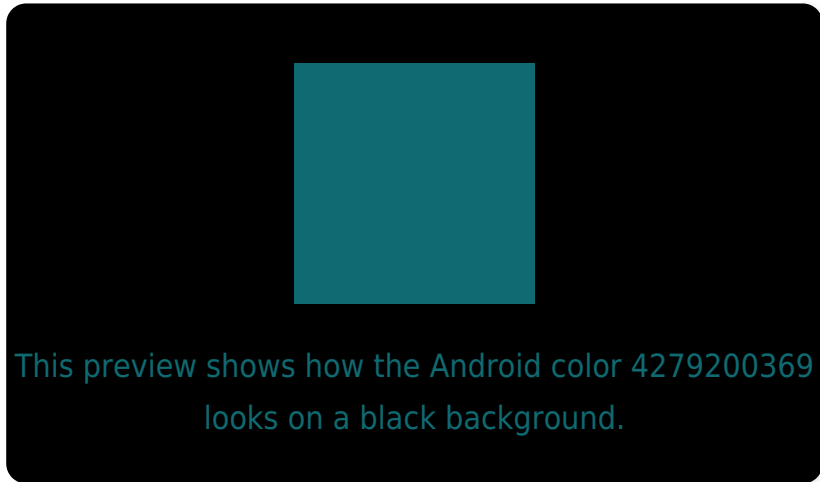
Large Text (above 18pt) WCAG AA ✓ Pass

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

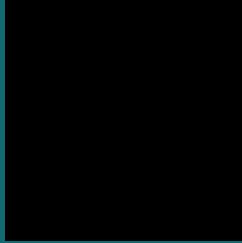
Any Text WCAG AA × Fail

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 4279200369 Background



This preview shows how black text looks on a background with the Android color 4279200369.



This preview shows how white text looks on a background with the Android color 4279200369.

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

4279200369

Protanopia

4284374890

Deuteranopia

4284374388

Trichromacy



Original Color
4279200369

Protanomaly
4282475373

Deuteranomaly
4282475123

Tritanomaly
4279265906

Monochromacy



Original Color
4279200369

Achromatopsia
4283453520

Achromatomaly
4281882972

CSS Examples

Text

The CSS property to change the color of the text to Android 4279200369 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(15, 106, 113)` looks like.

```
.text, #text, p{  
    color:rgb(15, 106, 113)  
}
```

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(15, 106, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 106, 113) }
```

Border

The CSS property to change the border of an element to Android 4279200369 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(15, 106, 113) }
```

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

```
.border{ border-color:rgb(15, 106, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 106, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 106, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 106, 113);  
box-shadow:4px 4px 4px 4px rgb(15, 106,  
113) }
```

Background

The CSS property to change the background color of an element to Android 4279200369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 106, 113) }
```

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

```
.background{ background-color: rgb(15, 106,  
113) }
```

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