

Converting Colors

Android(4278351489)

Have a look what the booklet for
Android(4278351489) contains.

| | |
|------------------------------------------------|----|
| Android(4278351489) | 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(4278351489)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 027681 |
| RGB | 2, 118, 129 |
| RGB Percent | 1%, 46%, 51% |
| CMY | 0.9922, 0.5373, 0.4941 |
| CMYK | 0.98, 0.09, 0.00, 0.49 |
| HSL | 185°, 97%, 26% |
| HSV | 185°, 98%, 51% |
| XYZ | 10.4659, 14.5548, 23.0266 |
| YIQ | 84.5700, -72.6670, -21.1710 |

Conversions

Conversions Part 2

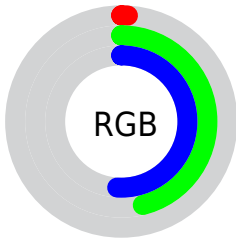
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 2, 63, 129 |
| Decimal | 161409 |
| CIE _{Lab} | 45.02, -23.36, -13.95 |
| CIE _{LCh} | 45, 27.207, 210.854 |
| Yxy | 14.5548, 0.2178, 0.3029 |
| Android (android.graphics.Color) | 4278351489 (0xFF027681) |
| YUV | 84.5700, 21.9040, -72.4139 |
| Hunter-Lab | 38.1507, -17.7956, -9.0802 |

Details

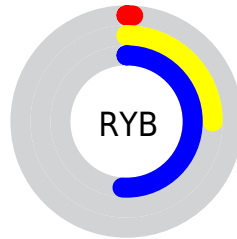
The Android color `4278351489` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286647554`, and the grayscale version is `4283716692`.

A 20% lighter version of the original color is `4283542454`, and `4278207824` is the 20% darker color. If you saturate the color by 10%, you get `4278220417`, and if you desaturate by 10%, it is `4279203713`.

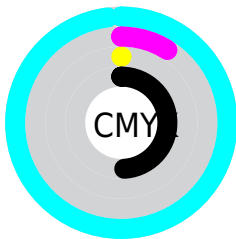
Distribution



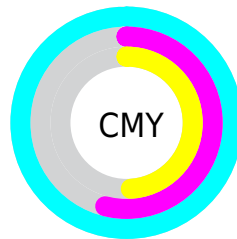
- Red (1%)
- Green (46%)
- Blue (51%)



- Red (1%)
- Yellow (25%)
- Blue (51%)



- Cyan (98%)
- Magenta (9%)
- Yellow (0%)
- Black (49%)



- Cyan (99%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278351489 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 4278351489 by changing the saturation by 10% instead.

 4278351489

 4278351489

4294967295

 4278213992

 4283542454

 4278207824

 4285449937


 4278201913

 4287357678

 4278197027

 4289200127

 4278190349

 4291100671

 4278190080

 4293066751

 4278351489

 4278351489

 4278220417

 4279203713

■ 4280055937

■ 4280908161

■ 4281760385

■ 4282547329

■ 4283399553

■ 4284251777

■ 4285104001

■ 4285956225

Harmonies

Analogous

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



4280711018



4278351489



4280316818

Triad

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



4278351489



4287126913



4286146877

Complementary

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



4278351489



4286647554

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.



4287324483



4278351489



4287977835

Square

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



4278351489



4285424785



4288043860



4284575811

Rectangle

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



4278351489



4282216343



4288043860



4286605118

Sweetspot

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



4278351489



4285965480



4278354189



4281750100



4292138196



4283716692

Same Dimension

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



4278351489



4278229672



4278335361



4281941824



4278219904



4278190080

Inverse Universe

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



4286644854



4289200282



4286663682



4282399039



4286578804



4278190080

Previews

White Background



This preview shows how the Android color 4278351489 looks on a white background.

Color Contrast Check

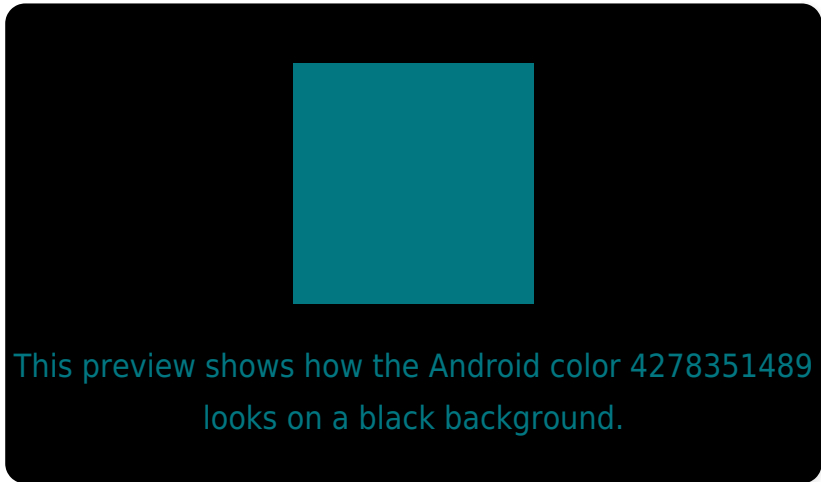
Large Text (above 18pt) WCAG AA ✓ Pass

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

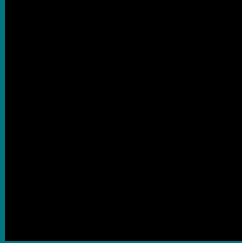
Any Text WCAG AA × Fail

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 4278351489 Background



This preview shows how black text looks on a background with the Android color 4278351489.

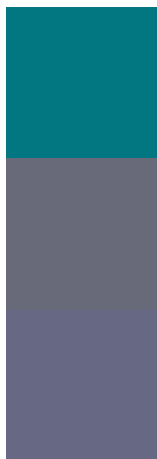


This preview shows how white text looks on a background with the Android color 4278351489.

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

4278351489

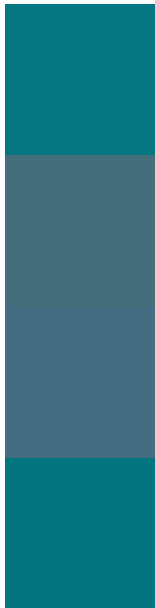
Protanopia

4285032825

Deuteranopia

4284967044

Trichromacy



Original Color
4278351489

Protanomaly
4282609276

Deuteranomaly
4282543491

Tritanomaly
4278285952

Monochromacy



Original Color
4278351489

Achromatopsia
4283782485

Achromatomaly
4281819493

CSS Examples

Text

The CSS property to change the color of the text to Android 4278351489 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(2, 118, 129)` looks like.

```
.text, #text, p{  
    color:rgb(2, 118, 129)  
}
```

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(2, 118, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 118, 129) }
```

Border

The CSS property to change the border of an element to Android 4278351489 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(2, 118, 129) }
```

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

```
.border{ border-color:rgb(2, 118, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 118, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 118, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 118, 129);  
box-shadow:4px 4px 4px 4px rgb(2, 118,  
129) }
```

Background

The CSS property to change the background color of an element to Android 4278351489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 118, 129) }
```

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

```
.background{ background-color: rgb(2, 118,  
129) }
```

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