

Converting Colors

Android(4278223461)

Have a look what the booklet for
Android(4278223461) contains.

Android(4278223461)	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(4278223461)

Conversions

Conversions Part 1

Format	Color
Hex	008265
RGB	0, 130, 101
RGB Percent	0%, 51%, 40%
CMY	1.0000, 0.4902, 0.6039
CMYK	1.00, 0.00, 0.22, 0.49
HSL	167°, 100%, 25%
HSV	167°, 100%, 51%
XYZ	10.3316, 16.9048, 15.0303
YIQ	87.8240, -68.1710, -36.5790

Conversions

Conversions Part 2

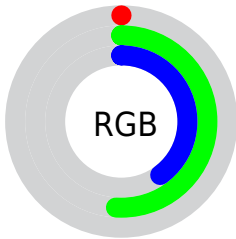
Format	Color
RYB	0, 73, 130
Decimal	33381
CIELab	48.14, -37.84, 7.22
CIELCh	48, 38.525, 169.194
Yxy	16.9048, 0.2444, 0.4000
Android (android.graphics.Color)	4278223461 (0xFF008265)
YUV	87.8240, 6.4958, -77.0216
Hunter-Lab	41.1155, -27.0983, 7.1066

Details

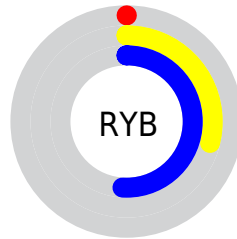
The Android color `4278223461` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4286709789`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4283480216`, and `4278210358` is the 20% darker color. If you saturate the color by 10%, you get `4278223461`, and if you desaturate by 10%, it is `4279075432`.

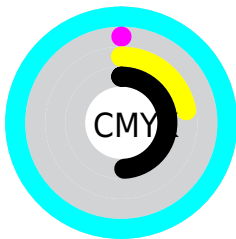
Distribution



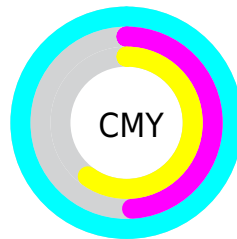
- Red (0%)
- Green (51%)
- Blue (40%)



- Red (0%)
- Yellow (29%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278223461 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 4278223461 by changing the saturation by 10% instead.

 4278223461

 4278223461

4294967295

 4278216781

 4283480216

 4278210358

 4285387955

 4278204449

 4287230158

 4278199051

 4289134570

 4278190080

 4291035135

 4292935679

4294901759

 4278223461

■ 4279075432

■ 4279927403

■ 4280779374

■ 4281631345

■ 4282483315

■ 4283335286

■ 4284187257

■ 4285039228

■ 4285891199

Harmonies

Analogous

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



4283137606



4278223461



4278223751

Triad

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



4278223461



4284575408



4289093698

Complementary

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



4278223461



4286709789

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.



4289681503



4278223461



4287586973

Square

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



4278223461



4278221234



4289288319



4287589425

Rectangle

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



4278223461



4278223258



4289288319



4289420619

Sweetspot

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



4278223461



4285966493



4280189440



4281750605



4292138196



4283716692

Same Dimension

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



4278223461



4278233219



4278214530



4281942078



4278222947



4278190080

Inverse Universe

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



4286709789



4289200166



4286718720



4282399035



4286578716



4278190080

Previews

White Background



This preview shows how the Android color 4278223461 looks on a white background.

Color Contrast Check

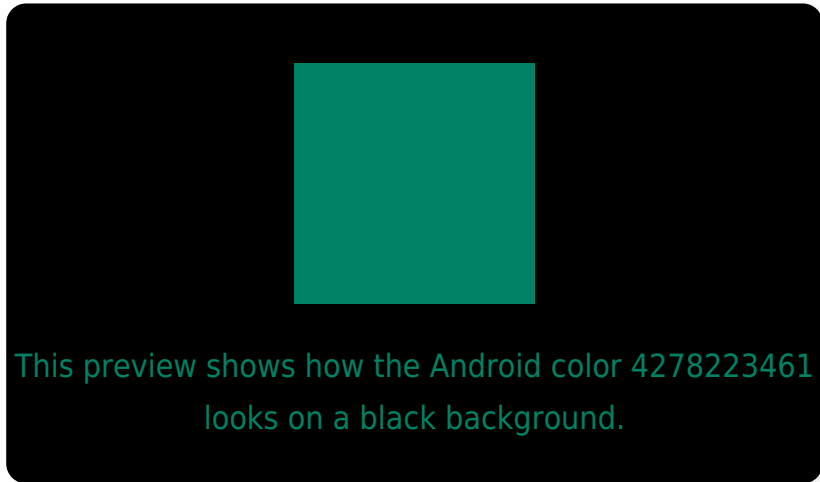
Large Text (above 18pt) WCAG AA ✓ Pass

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

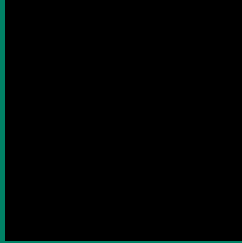
Any Text WCAG AA × Fail

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 4278223461 Background



This preview shows how black text looks on a background with the Android color 4278223461.

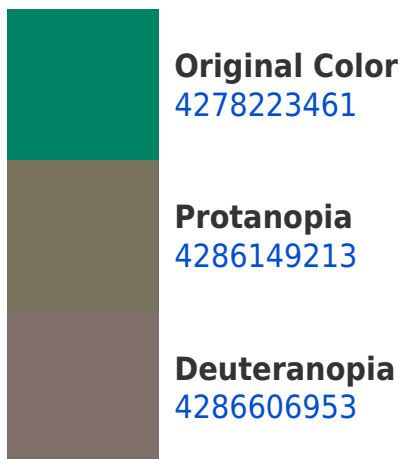


This preview shows how white text looks on a background with the Android color 4278223461.

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
4278223461

Protanomaly
4283267168

Deuteranomaly
4283528552

Tritanomaly
4279861115

Monochromacy



Original Color
4278223461

Achromatopsia
4283979864

Achromatomaly
4281886557

CSS Examples

Text

The CSS property to change the color of the text to Android 4278223461 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(0, 130, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 130, 101)  
}
```

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(0, 130, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 130, 101) }
```

Border

The CSS property to change the border of an element to Android 4278223461 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(0, 130, 101) }
```

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

```
.border{ border-color:rgb(0, 130, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 130, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 130, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 130, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 130,  
101) }
```

Background

The CSS property to change the background color of an element to Android 4278223461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 130, 101) }
```

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

```
.background{ background-color: rgb(0, 130,  
101) }
```

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