

Converting Colors

Android(4278215001)

Have a look what the booklet for
Android(4278215001) contains.

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Color

Android(4278215001)

Conversions

Conversions Part 1

Format	Color
Hex	006159
RGB	0, 97, 89
RGB Percent	0%, 38%, 35%
CMY	1.0000, 0.6196, 0.6510
CMYK	1.00, 0.00, 0.08, 0.62
HSL	175°, 100%, 19%
HSV	175°, 100%, 38%
XYZ	6.0779, 9.2707, 10.9203
YIQ	67.0850, -55.2440, -23.0520

Conversions

Conversions Part 2

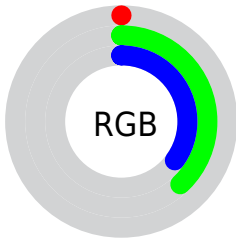
Format	Color
RYB	0, 51, 97
Decimal	24921
CIELab	36.50, -26.35, -2.40
CIELCh	37, 26.460, 185.215
Yxy	9.2707, 0.2314, 0.3529
Android (android.graphics.Color)	4278215001 (0xFF006159)
YUV	67.0850, 10.8041, -58.8335
Hunter-Lab	30.4478, -17.6521, 0.0487

Details

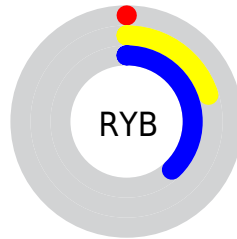
The Android color `4278215001` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4284547080`, and the grayscale version is `4282598211`.

A 20% lighter version of the original color is `4282815627`, and `4278202924` is the 20% darker color. If you saturate the color by 10%, you get `4278215001`, and if you desaturate by 10%, it is `4278870362`.

Distribution



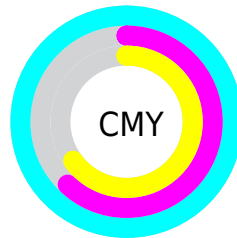
- Red (0%)
- Green (38%)
- Blue (35%)



- Red (0%)
- Yellow (20%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278215001 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 4278215001 by changing the saturation by 10% instead.

 4278215001

 4278215001

4294967295

 4278208834

 4282815627

 4278202924

 4284657573


 4278198039

 4286434240

 4278190080

 4288276444

 4290117625

 4291952639

 4293853183

 4278215001

■ 4278870362

■ 4279460187

■ 4280115547

■ 4280770908

■ 4281426269

■ 4282016094

■ 4282671455

■ 4283326815

■ 4283916640

Harmonies

Analogous

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



4281229379



4278215001



4278214766

Triad

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



4278215001



4284305273



4285681200

Complementary

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



4278215001



4284547080

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.



4286400574



4278215001



4285745256

Square

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



4278215001



4282079104



4286465363



4284503595

Rectangle

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



4278215001



4278214264



4286465363



4285942836

Sweetspot

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



4278215001



4283923834



4278739200



4280893502



4290756543



4282400832

Same Dimension

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



4278215001



4278222195



4278204769



4281086000



4278218855



4278251740

Inverse Universe

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



4284547080



4286382090



4284557312



4281347116



4285530121



4293918740

Previews

White Background



This preview shows how the Android color 4278215001 looks on a white background.

Color Contrast Check

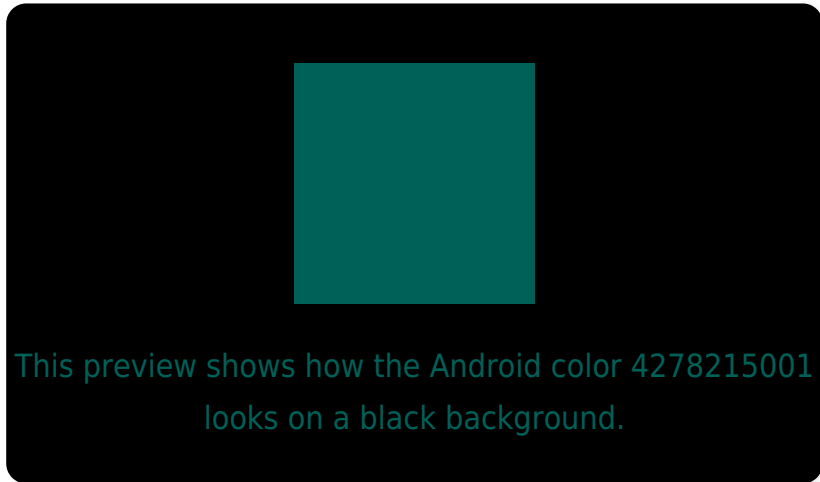
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278215001 Background



This preview shows how black text looks on a background with the Android color 4278215001.



This preview shows how white text looks on a background with the Android color 4278215001.

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

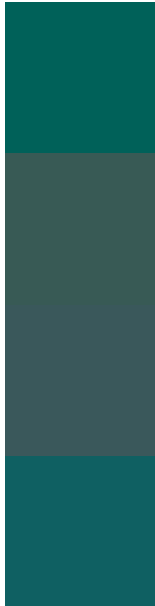


Original Color
4278215001

Protanopia
4283979346

Deuteranopia
4284175196

Trichromacy



Original Color
4278215001

Protanomaly
4281883221

Deuteranomaly
4282013787

Tritanomaly
4279197794

Monochromacy



Original Color
4278215001

Achromatopsia
4282598211

Achromatomaly
4281028171

CSS Examples

Text

The CSS property to change the color of the text to Android 4278215001 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, 97, 89)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 89)  
}
```

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, 97, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 89) }
```

Border

The CSS property to change the border of an element to Android 4278215001 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, 97, 89) }
```

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

```
.border{ border-color:rgb(0, 97, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 97, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 89); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 97, 89); box-shadow:4px  
4px 4px 4px rgb(0, 97, 89) }
```

Background

The CSS property to change the background color of an element to Android 4278215001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 97, 89) }
```

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

```
.background{ background-color: rgb(0, 97,  
89) }
```

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](#).

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