

Converting Colors

Android(4278233964)

Have a look what the booklet for
Android(4278233964) contains.

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Color

Android(4278233964)

Conversions

Conversions Part 1

Format	Color
Hex	00AB6C
RGB	0, 171, 108
RGB Percent	0%, 67%, 42%
CMY	1.0000, 0.3294, 0.5765
CMYK	1.00, 0.00, 0.37, 0.33
HSL	158°, 100%, 34%
HSV	158°, 100%, 67%
XYZ	17.2697, 30.2085, 19.1080
YIQ	112.6890, -81.6930, -55.8450

Conversions

Conversions Part 2

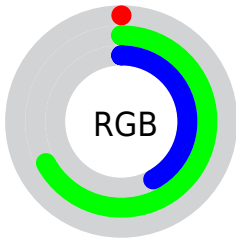
Format	Color
RYB	0, 105, 171
Decimal	43884
CIELab	61.83, -52.30, 22.22
CIELCh	62, 56.821, 156.977
Yxy	30.2085, 0.2594, 0.4537
Android (android.graphics.Color)	4278233964 (0xFF00AB6C)
YUV	112.6890, -2.3117, -98.8283
Hunter-Lab	54.9623, -40.0976, 17.8611

Details

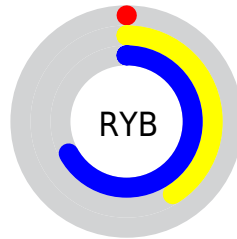
The Android color `4278233964` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289396799`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4284277664`, and `4278220092` is the 20% darker color. If you saturate the color by 10%, you get `4278233964`, and if you desaturate by 10%, it is `4279348082`.

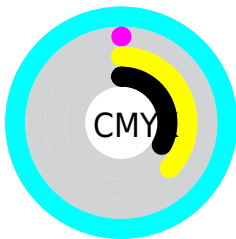
Distribution



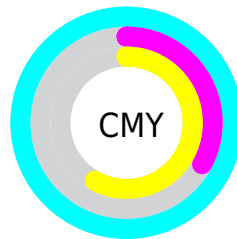
- Red (0%)
- Green (67%)
- Blue (42%)



- Red (0%)
- Yellow (41%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233964 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 4278233964 by changing the saturation by 10% instead.



4278233964



4278233964

4294967295



4278227027



4284277664



4278220092



4286316475



4278213669



4288282583



4278207247



4290248691



4278201600



4292214783



4278193152



4294180863



4278190080




4278233964



4279348082

 4280462201

 4281576319

 4282690437

 4283804555

 4284984210

 4286098328

 4287212446

 4288326565

Harmonies

Analogous

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



4285572160



4278233964



4278234784

Triad

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



4278233964



4282554361



4293620059

Complementary

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



4278233964



4289396799

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.



4294010764



4278233964



4289168358

Square

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



4278233964



4278232562



4292636606



4291789878

Rectangle

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



4278233964



4278234562



4292636606



4293946475

Sweetspot

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



4278233964



4288405189



4282559232



4282937441



4293980400



4285558896

Same Dimension

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



4278233964



4278247052



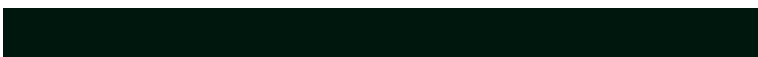
4278228907



4283324244



4278228575



4278195982

Inverse Universe

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



4289396799



4292739154



4289401856



4283911761



4288020535



4279697416

Previews

White Background



This preview shows how the Android color 4278233964 looks on a white background.

Color Contrast Check

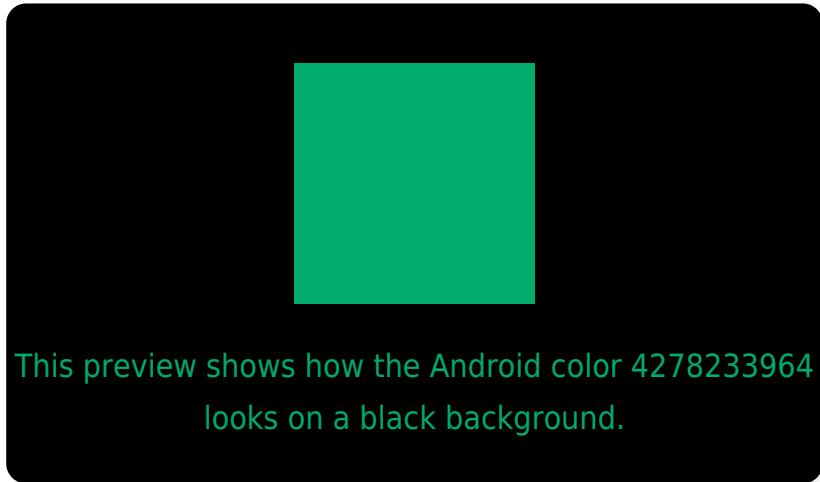
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278233964 Background



This preview shows how black text looks on a background with the Android color 4278233964.



This preview shows how white text looks on a background with the Android color 4278233964.

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

4278233964



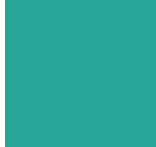
Protanomaly

4284914790



Deuteranomaly

4285503856



Tritanomaly

4280788631

Monochromacy



Original Color

4278233964



Achromatopsia

4285624689



Achromatomaly

4282943087

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233964 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, 171, 108)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 108)  
}
```

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, 171, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 108) }
```

Border

The CSS property to change the border of an element to Android 4278233964 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, 171, 108) }
```

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

```
.border{ border-color:rgb(0, 171, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 171, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 108);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
108) }
```

Background

The CSS property to change the background color of an element to Android 4278233964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 171, 108) }
```

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

```
.background{ background-color: rgb(0, 171,  
108) }
```

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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