

Converting Colors

Android(4278233448)

Have a look what the booklet for
Android(4278233448) contains.

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Color

Android(4278233448)

Conversions

Conversions Part 1

Format	Color
Hex	00A968
RGB	0, 169, 104
RGB Percent	0%, 66%, 41%
CMY	1.0000, 0.3373, 0.5922
CMYK	1.00, 0.00, 0.38, 0.34
HSL	157°, 100%, 33%
HSV	157°, 100%, 66%
XYZ	16.6867, 29.3754, 17.8872
YIQ	111.0590, -79.8590, -56.0430

Conversions

Conversions Part 2

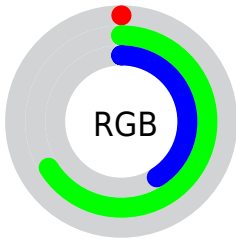
Format	Color
RYB	0, 105, 169
Decimal	43368
CIELab	61.11, -52.41, 23.41
CIELCh	61, 57.399, 155.925
Yxy	29.3754, 0.2609, 0.4594
Android (android.graphics.Color)	4278233448 (0xFF00A968)
YUV	111.0590, -3.4801, -97.3987
Hunter-Lab	54.1991, -39.8923, 18.3720

Details

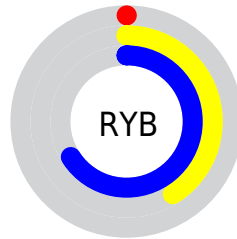
The Android color `4278233448` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289265729`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4284211612`, and `4278219576` is the 20% darker color. If you saturate the color by 10%, you get `4278233448`, and if you desaturate by 10%, it is `4279347566`.

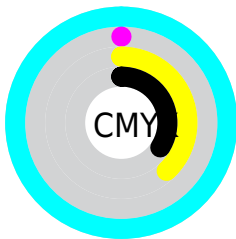
Distribution



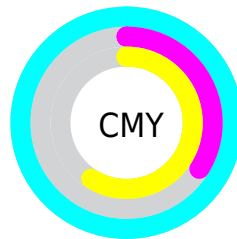
- Red (0%)
- Green (66%)
- Blue (41%)



- Red (0%)
- Yellow (41%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233448 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 4278233448 by changing the saturation by 10% instead.

 4278233448

 4278233448

4294967295

 4278226512

 4284211612

 4278219576

 4286250679

 4278213153

 4288217042

 4278206731

 4290183151

 4278201088

 4292149247

 4278192128


 4294115327

 4278190080

 4278233448

 4279347566

 4280461685

 4281575803

 4282689922

 4283738504

 4284852623

 4285966741

 4287080860

 4288194978

Harmonies

Analogous

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



4285571387



4278233448



4278234268

Triad

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



4278233448



4281767673



4293553755

Complementary

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



4278233448



4289265729

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.



4293878923



4278233448



4288905958

Square

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



4278233448



4278232304



4292439486



4291789364

Rectangle

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



4278233448



4278234302



4292439486



4293814634

Sweetspot

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



4278233448



4288338882



4282689792



4282805854



4293783021



4285427310

Same Dimension

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



4278233448



4278246279



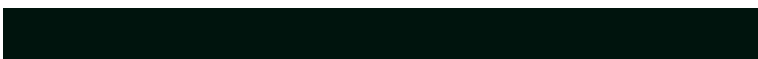
4278229161



4283192401



4278228059



4278195213

Inverse Universe

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



4289265729



4292542548



4289270016



4283714639



4287889465



4279500808

Previews

White Background



This preview shows how the Android color 4278233448 looks on a white background.

Color Contrast Check

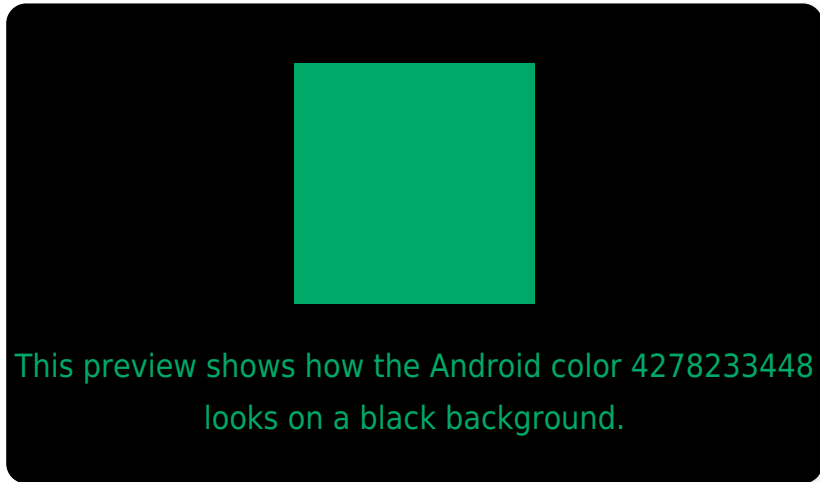
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

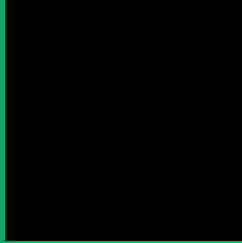
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4278233448 Background



This preview shows how black text looks on a background with the Android color 4278233448.



This preview shows how white text looks on a background with the Android color 4278233448.

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

4278233448



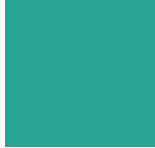
Protanomaly

4284848994



Deuteranomaly

4285437804



Tritanomaly

4280788117

Monochromacy



Original Color

4278233448



Achromatopsia

4285493103



Achromatomaly

4282877036

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233448 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, 169, 104)` looks like.

```
.text, #text, p{  
    color:rgb(0, 169, 104)  
}
```

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, 169, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 169, 104) }
```

Border

The CSS property to change the border of an element to Android 4278233448 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, 169, 104) }
```

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

```
.border{ border-color:rgb(0, 169, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 169, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 169, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 169, 104);  
box-shadow:4px 4px 4px 4px rgb(0, 169,  
104) }
```

Background

The CSS property to change the background color of an element to Android 4278233448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 169, 104) }
```

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

```
.background{ background-color: rgb(0, 169,  
104) }
```

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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