

Converting Colors

Android(4278232947)

Have a look what the booklet for
Android(4278232947) contains.

Android(4278232947)	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(4278232947)

Conversions

Conversions Part 1

Format	Color
Hex	00A773
RGB	0, 167, 115
RGB Percent	0%, 65%, 45%
CMY	1.0000, 0.3451, 0.5490
CMYK	1.00, 0.00, 0.31, 0.35
HSL	161°, 100%, 33%
HSV	161°, 100%, 65%
XYZ	16.9132, 28.8752, 20.9017
YIQ	111.1390, -82.8400, -51.5760

Conversions

Conversions Part 2

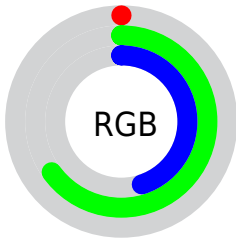
Format	Color
RYB	0, 99, 167
Decimal	42867
CIELab	60.67, -49.25, 16.82
CIELCh	61, 52.040, 161.144
Yxy	28.8752, 0.2536, 0.4330
Android (android.graphics.Color)	4278232947 (0xFF00A773)
YUV	111.1390, 1.9035, -97.4689
Hunter-Lab	53.7357, -37.8548, 14.5528

Details

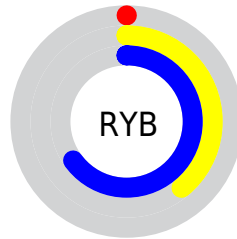
The Android color `4278232947` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289134644`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4284211111`, and `4278219331` is the 20% darker color. If you saturate the color by 10%, you get `4278232947`, and if you desaturate by 10%, it is `4279347064`.

Distribution



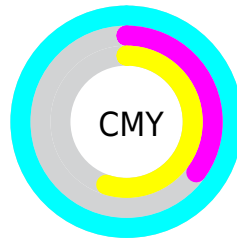
- Red (0%)
- Green (65%)
- Blue (45%)



- Red (0%)
- Yellow (39%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278232947 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 4278232947 by changing the saturation by 10% instead.



4278232947



4278232947

4294967295



4278226010



4284211111



4278219331



4286250178



4278212652



4288151518



4278206231



4290117627



4278200832



4292083711



4278191360



4294049791



4278190080




4278232947



4279347064

 4280395645

 4281509763

 4282623880

 4283672461

 4284786578

 4285900695

 4287014813

 4288063394

Harmonies

Analogous

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



4285112650



4278232947



4278233507

Triad

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



4278232947



4284388077



4292834392

Complementary

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



4278232947



4289134644

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.



4293356163



4278232947



4289495000

Square

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



4278232947



4278231017



4292308657



4291069241

Rectangle

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



4278232947



4278233281



4292308657



4293160805

Sweetspot

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



4278232947



4288207301



4281706240



4282805857



4293783021



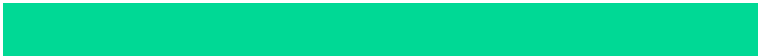
4285427310

Same Dimension

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



4278232947



4278245781



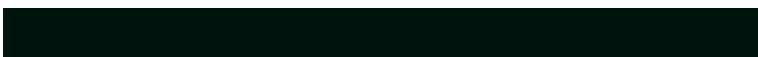
4278225063



4283192402



4278228070



4278195214

Inverse Universe

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



4289134644



4292411459



4289142528



4283714638



4287889454



4279500806

Previews

White Background



This preview shows how the Android color 4278232947 looks on a white background.

Color Contrast Check

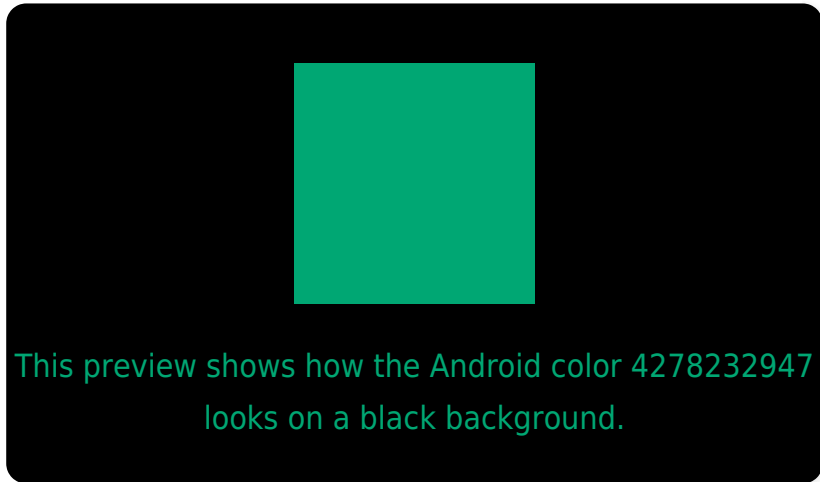
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278232947 Background



This preview shows how black text looks on a background with the Android color 4278232947.



This preview shows how white text looks on a background with the Android color 4278232947.

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
4278232947

Protanopia
4288450921

Deuteranopia
4289236089

Trichromacy



Original Color

4278232947



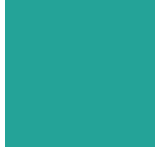
Protanomaly

4284717421



Deuteranomaly

4285240951



Tritanomaly

4280591256

Monochromacy



Original Color

4278232947



Achromatopsia

4285493103



Achromatomaly

4282876784

CSS Examples

Text

The CSS property to change the color of the text to Android 4278232947 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, 167, 115)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 115)  
}
```

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, 167, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 115) }
```

Border

The CSS property to change the border of an element to Android 4278232947 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, 167, 115) }
```

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

```
.border{ border-color:rgb(0, 167, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 167, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 115);  
box-shadow:4px 4px 4px 4px rgb(0, 167,  
115) }
```

Background

The CSS property to change the background color of an element to Android 4278232947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 115) }
```

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

```
.background{ background-color: rgb(0, 167,  
115) }
```

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