

Converting Colors

Android(4278232700)

Have a look what the booklet for
Android(4278232700) contains.

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Color

Android(4278232700)

Conversions

Conversions Part 1

Format	Color
Hex	00A67C
RGB	0, 166, 124
RGB Percent	0%, 65%, 49%
CMY	1.0000, 0.3490, 0.5137
CMYK	1.00, 0.00, 0.25, 0.35
HSL	165°, 100%, 33%
HSV	165°, 100%, 65%
XYZ	17.2743, 28.7277, 23.7033
YIQ	111.5780, -85.4540, -48.2540

Conversions

Conversions Part 2

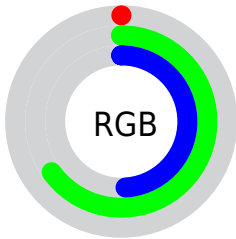
Format	Color
RYB	0, 95, 166
Decimal	42620
CIELab	60.54, -46.70, 11.65
CIELCh	61, 48.128, 165.988
Yxy	28.7277, 0.2478, 0.4121
Android (android.graphics.Color)	4278232700 (0xFF00A67C)
YUV	111.5780, 6.1240, -97.8539
Hunter-Lab	53.5982, -36.2676, 11.2983

Details

The Android color `4278232700` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289069098`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4284210865`, and `4278219083` is the 20% darker color. If you saturate the color by 10%, you get `4278232700`, and if you desaturate by 10%, it is `4279346816`.

Distribution



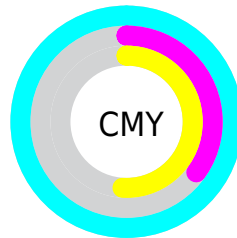
- Red (0%)
- Green (65%)
- Blue (49%)



- Red (0%)
- Yellow (37%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278232700 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 4278232700 by changing the saturation by 10% instead.

 4278232700

 4278232700

4294967295

 4278225763

 4284210865

 4278219083

 4286249932

 4278212404

 4288217064

 4278206239

 4290117631

 4278200584

 4292083711

 4278191104


 4294049791

 4278190080

 4278232700

 4279346816

 4280395396

 4281509513

 4282558093

 4283672209

 4284786325

 4285834905

 4286949022

 4287997602

Harmonies

Analogous

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



4284784981



4278232700



4278233000

Triad

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



4278232700



4285763556



4292311383

Complementary

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



4278232700



4289069098

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.



4292963965



4278232700



4289887949

Square

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



4278232700



4278230244



4292243624



4290480446

Rectangle

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



4278232700



4278232771



4292243624



4292637794

Sweetspot

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



4278232700



4288207304



4281116160



4282805860



4293783021



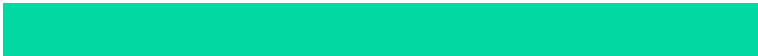
4285427310

Same Dimension

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



4278232700



4278245794



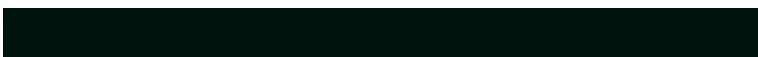
4278222758



4283192402



4278228078



4278195215

Inverse Universe

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



4289069098



4292411447



4289079040



4283714638



4287889445



4279500805

Previews

White Background



This preview shows how the Android color 4278232700 looks on a white background.

Color Contrast Check

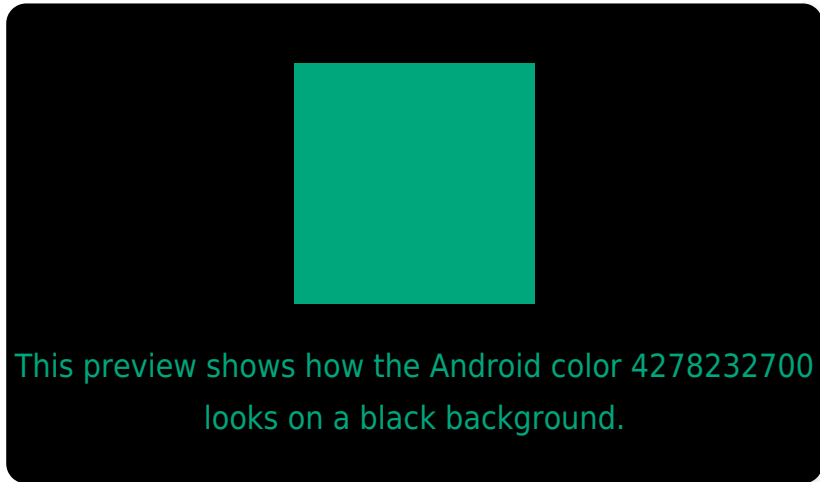
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278232700 Background



This preview shows how black text looks on a background with the Android color 4278232700.

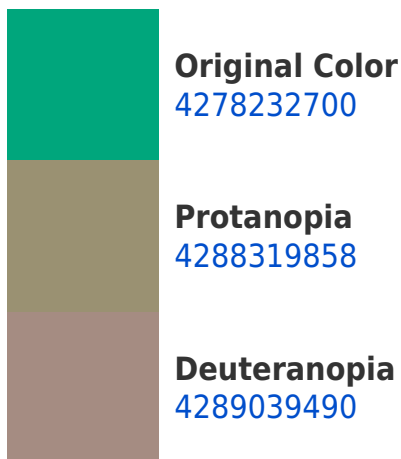


This preview shows how white text looks on a background with the Android color 4278232700.

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

4278232700



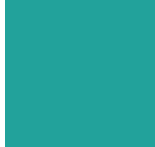
Protanomaly

4284651894



Deuteranomaly

4285109632



Tritanomaly

4280459931

Monochromacy



Original Color

4278232700



Achromatopsia

4285558896



Achromatomaly

4282877044

CSS Examples

Text

The CSS property to change the color of the text to Android 4278232700 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, 166, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 124)  
}
```

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, 166, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 124) }
```

Border

The CSS property to change the border of an element to Android 4278232700 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, 166, 124) }
```

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

```
.border{ border-color:rgb(0, 166, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 166, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 166,  
124) }
```

Background

The CSS property to change the background color of an element to Android 4278232700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 124) }
```

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

```
.background{ background-color: rgb(0, 166,  
124) }
```

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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