

# Converting Colors

Android(4278232941)

Have a look what the booklet for  
Android(4278232941) contains.

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# Color

**Android(4278232941)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A76D
RGB	0, 167, 109
RGB Percent	0%, 65%, 43%
CMY	1.0000, 0.3451, 0.5725
CMYK	1.00, 0.00, 0.35, 0.35
HSL	159°, 100%, 33%
HSV	159°, 100%, 65%
XYZ	16.5790, 28.7416, 19.1419
YIQ	110.4550, -80.9140, -53.4420

# Conversions

## Conversions Part 2

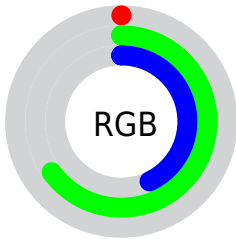
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 101, 167
Decimal	42861
CIELab	60.55, -50.60, 19.95
CIElCh	61, 54.391, 158.484
Yxy	28.7416, 0.2572, 0.4459
Android (android.graphics.Color)	4278232941 (0xFF00A76D)
YUV	110.4550, -0.7173, -96.8690
Hunter-Lab	53.6112, -38.6191, 16.3583

# Details

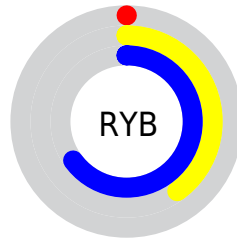
The Android color `4278232941` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289134650`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4284211105`, and `4278219325` is the 20% darker color. If you saturate the color by 10%, you get `4278232941`, and if you desaturate by 10%, it is `4279347059`.

# Distribution



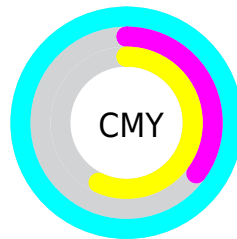
- Red (0%)
- Green (65%)
- Blue (43%)



- Red (0%)
- Yellow (40%)
- Blue (65%)



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



- Cyan (100%)
- Magenta (35%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278232941 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 4278232941 by changing the saturation by 10% instead.



 4278232941

 4278232941

4294967295

 4278226004

 4284211105

 4278219325

 4286184636

 4278212646

 4288151512

 4278206225

 4290117620

 4278200576

 4292083711

 4278191104


 4294049791

 4278190080

 4278232941

 4279347059

 4280395641

 4281509758

 4282623876

 4283672458

 4284786576

 4285900694

 4287014811

 4288063393

# Harmonies

## Analogous

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



4285308994



4278232941



4278233759

# Triad

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



4278232941



4283274225



4293095513

# Complementary

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



4278232941



4289134650

# 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.



4293551750



4278232941



4289102046

# Square

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



4278232941



4278231531



4292308406



4291330870

# Rectangle

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



4278232941



4278233534



4292308406



4293422183



# Sweetspot

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



4278232941



4288207298



4282033920



4282805856



4293783021



4285427310



# Same Dimension

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



4278232941



4278245773



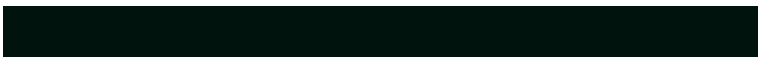
4278226599



4283192401



4278228065



4278195213



# Inverse Universe

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



4289134650



4292411467



4289140992



4283714639



4287889459



4279500807



# Previews

## White Background



This preview shows how the Android color 4278232941 looks on a white background.

## Color Contrast Check

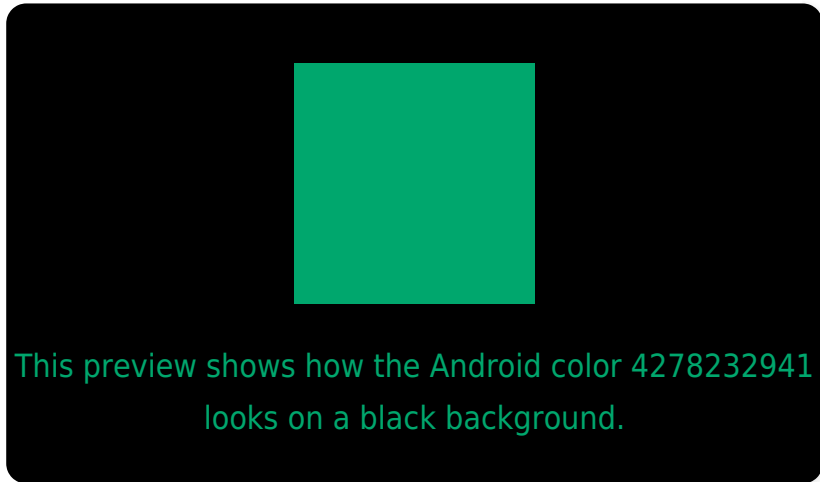
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278232941 Background



This preview shows how black text looks on a background with the Android color 4278232941.



This preview shows how white text looks on a background with the Android color 4278232941.

# 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**

4278232941



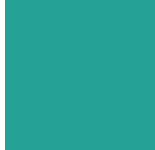
**Protanomaly**

4284782951



**Deuteranomaly**

4285306225



**Tritanomaly**

4280656533

# Monochromacy



**Original Color**

4278232941



**Achromatopsia**

4285427310



**Achromatomaly**

4282811246

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278232941 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, 109)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 109)  
}
```

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, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 109) }
```

## Border

The CSS property to change the border of an element to Android 4278232941 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, 109) }
```

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

```
.border{ border-color:rgb(0, 167, 109) }
```

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, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 109);  
box-shadow:4px 4px 4px 4px rgb(0, 167,  
109) }
```

# Background

The CSS property to change the background color of an element to Android 4278232941 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, 109) }
```

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

```
.background{ background-color: rgb(0, 167,  
109) }
```

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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