

# Converting Colors

Android(4278222418)

Have a look what the booklet for  
Android(4278222418) contains.

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# Color

**Android(4278222418)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007E52
RGB	0, 126, 82
RGB Percent	0%, 49%, 32%
CMY	1.0000, 0.5059, 0.6784
CMYK	1.00, 0.00, 0.35, 0.51
HSL	159°, 100%, 25%
HSV	159°, 100%, 49%
XYZ	8.9838, 15.5309, 10.5069
YIQ	83.3100, -60.9720, -40.3960

# Conversions

## Conversions Part 2

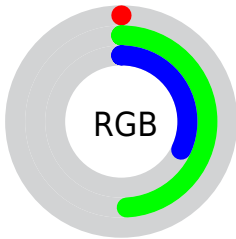
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 76, 126
Decimal	32338
CIELab	46.35, -41.00, 15.77
CIElCh	46, 43.931, 158.963
Yxy	15.5309, 0.2565, 0.4435
Android (android.graphics.Color)	4278222418 (0xFF007E52)
YUV	83.3100, -0.6458, -73.0629
Hunter-Lab	39.4093, -28.2749, 11.7792

# Details

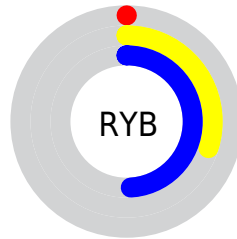
The Android color `4278222418` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4286447660`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4283348100`, and `4278209573` is the 20% darker color. If you saturate the color by 10%, you get `4278222418`, and if you desaturate by 10%, it is `4279074390`.

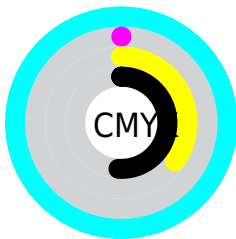
# Distribution



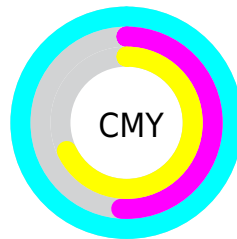
- Red (0%)
- Green (49%)
- Blue (32%)



- Red (0%)
- Yellow (30%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278222418 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 4278222418 by changing the saturation by 10% instead.



 4278222418

 4278222418

4294967295

 4278215739

 4283348100

 4278209573

 4285255838

 4278203408

 4287098041

 4278197760

 4288937941

 4278190080

 4290838513

 4292739071

 4294705151

 4278222418

 4279074390

 4279860827

 4280712799

 4281499236

 4282351208

 4283203180

 4283989617

 4284841589

 4285628026

# Harmonies

## Analogous

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



4283463985



4278222418



4278222968

# Triad

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



4278222418



4282085047



4289483841

# Complementary

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



4278222418



4286447660

# 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.



4289809508



4278222418



4286472103

# Square

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



4278222418



4278221234



4288893321



4288111143

# Rectangle

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



4278222418



4278222736



4288893321



4289745228



# Sweetspot

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



4278222418



4285703058



4281105920



4281619015



4291940817



4283585106



# Same Dimension

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



4278222418



4278231914



4278217598



4281942078



4278222931



4278190080



# Inverse Universe

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



4286447660



4288872505



4286452480



4282399036



4286578733



4278190080



# Previews

## White Background



This preview shows how the Android color 4278222418 looks on a white background.

## Color Contrast Check

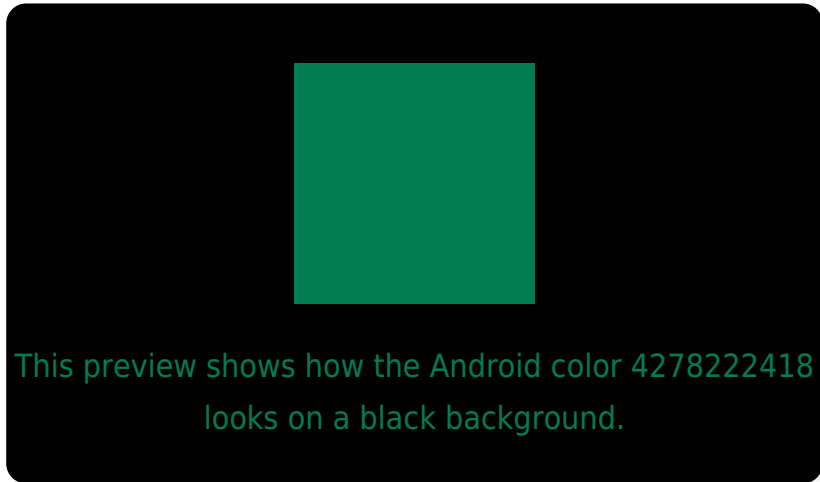
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4278222418 Background



This preview shows how black text looks on a background with the Android color 4278222418.

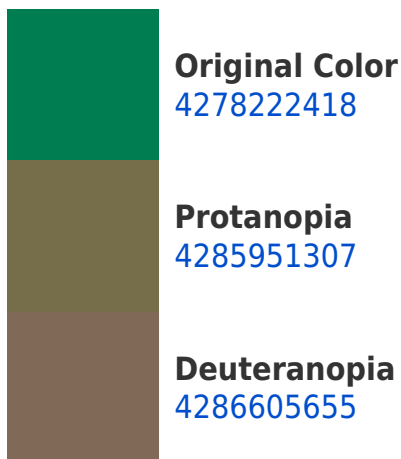


This preview shows how white text looks on a background with the Android color 4278222418.

# 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**

4278222418



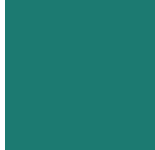
**Protanomaly**

4283134798



**Deuteranomaly**

4283527509



**Tritanomaly**

4280056433

# Monochromacy



**Original Color**

4278222418



**Achromatopsia**

4283650899



**Achromatomaly**

4281688915

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278222418 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, 126, 82)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 82)  
}
```

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, 126, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 82) }
```

## Border

The CSS property to change the border of an element to Android 4278222418 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, 126, 82) }
```

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

```
.border{ border-color:rgb(0, 126, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 126, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 82);  
box-shadow:4px 4px 4px 4px rgb(0, 126, 82)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278222418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 82) }
```

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

```
.background{ background-color: rgb(0, 126,  
82) }
```

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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