

# Converting Colors

Android(4278688613)

Have a look what the booklet for  
Android(4278688613) contains.

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# Color

**Android(4278688613)**

# Conversions

## Conversions Part 1

Format	Color
Hex	079B65
RGB	7, 155, 101
RGB Percent	3%, 61%, 40%
CMY	0.9725, 0.3922, 0.6039
CMYK	0.95, 0.00, 0.35, 0.39
HSL	158°, 91%, 32%
HSV	158°, 95%, 61%
XYZ	14.1579, 24.4274, 16.2807
YIQ	104.5920, -70.8740, -48.1700

# Conversions

## Conversions Part 2

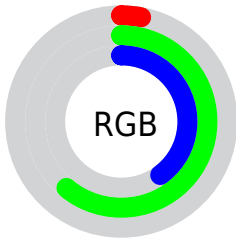
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 98, 155
Decimal	498533
CIELab	56.51, -47.51, 18.87
CIElCh	57, 51.120, 158.339
Yxy	24.4274, 0.2580, 0.4452
Android (android.graphics.Color)	4278688613 (0xFF079B65)
YUV	104.5920, -1.7709, -85.5882
Hunter-Lab	49.4241, -35.3595, 15.0663

# Details

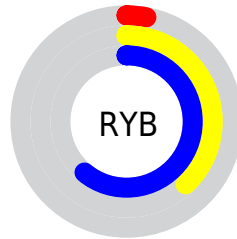
The Android color `4278688613` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288350013`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4284076952`, and `4278216246` is the 20% darker color. If you saturate the color by 10%, you get `4278229858`, and if you desaturate by 10%, it is `4279671659`.

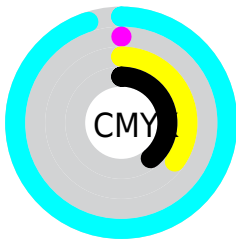
# Distribution



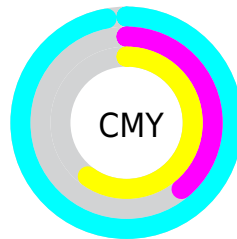
- Red (3%)
- Green (61%)
- Blue (40%)



- Red (3%)
- Yellow (38%)
- Blue (61%)



- Cyan (95%)
- Magenta (0%)
- Yellow (35%)
- Black (39%)



- Cyan (97%)
- Magenta (39%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278688613 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 4278688613 by changing the saturation by 10% instead.





4278688613



4278688613

4294967295



4278222925



4284076952



4278216246



4286050227



4278209824



4287954895



4278203658



4289855467



4278198016



4291821567



4278190080



4293787647



4278688613



4278688613




4278229858



4279671659

 4280720240

 4281768822

 4282751868

 4283800449

 4284783495

 4285766541

 4286815122

 4287863704

# Harmonies

## Analogous

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



4284781886



4278688613



4278230419

# Triad

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



4278688613



4282943712



4292044883

# Complementary

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



4278688613



4288350013

# 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.



4292435837



4278688613



4288313294

# Square

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



4278688613



4278228442



4291257769



4290410803

# Rectangle

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



4278688613



4278230449



4291257769



4292306016



# Sweetspot

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



4278688613



4287613364



4282227463



4282541657



4293322470



4284900966



# Same Dimension

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



4278688613



4278241664



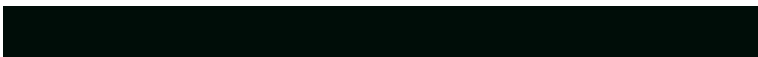
4278683547



4282731850



4278226009



4278193416



# Inverse Universe

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



4288350013



4291362890



4288355079



4283254088



4287365171



4279042053



# Previews

## White Background



This preview shows how the Android color 4278688613 looks on a white background.

## Color Contrast Check

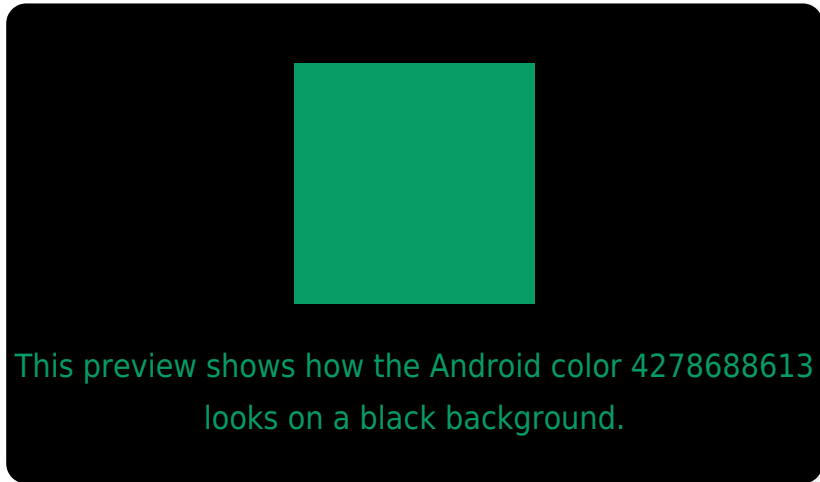
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278688613 Background



This preview shows how black text looks on a background with the Android color 4278688613.



This preview shows how white text looks on a background with the Android color 4278688613.

# 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**

4278688613



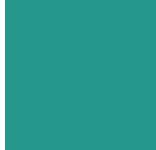
**Protanomaly**

4284452447



**Deuteranomaly**

4284910185



**Tritanomaly**

4280719243

# Monochromacy



**Original Color**

4278688613



**Achromatopsia**

4285098345



**Achromatomaly**

4282743656

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278688613 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(7, 155, 101)` looks like.

```
.text, #text, p{  
    color:rgb(7, 155, 101)  
}
```

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(7, 155, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 155, 101) }
```

## Border

The CSS property to change the border of an element to Android 4278688613 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(7, 155, 101) }
```

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

```
.border{ border-color:rgb(7, 155, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 155, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 155, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 155, 101);  
box-shadow:4px 4px 4px 4px rgb(7, 155,  
101) }
```

# Background

The CSS property to change the background color of an element to Android 4278688613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 155, 101) }
```

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

```
.background{ background-color: rgb(7, 155,  
101) }
```

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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