

# Converting Colors

Android(4278222687)

Have a look what the booklet for  
Android(4278222687) contains.

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# Color

**Android(4278222687)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007F5F
RGB	0, 127, 95
RGB Percent	0%, 50%, 37%
CMY	1.0000, 0.5020, 0.6275
CMYK	1.00, 0.00, 0.25, 0.50
HSL	165°, 100%, 25%
HSV	165°, 100%, 50%
XYZ	9.6549, 16.0050, 13.4069
YIQ	85.3790, -65.4200, -36.8760

# Conversions

## Conversions Part 2

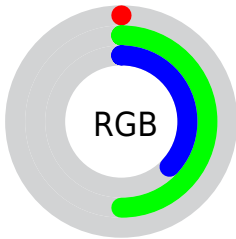
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 73, 127
Decimal	32607
CIELab	46.98, -38.17, 9.09
CIELCh	47, 39.241, 166.608
Yxy	16.0050, 0.2471, 0.4097
Android (android.graphics.Color)	4278222687 (0xFF007F5F)
YUV	85.3790, 4.7432, -74.8774
Hunter-Lab	40.0062, -26.9324, 8.1351

# Details

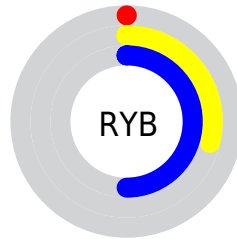
The Android color **4278222687** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **4286513184**, and the grayscale version is **4283782485**.

A 20% lighter version of the original color is **4283413905**, and **4278209841** is the 20% darker color. If you saturate the color by 10%, you get **4278222687**, and if you desaturate by 10%, it is **4279074658**.

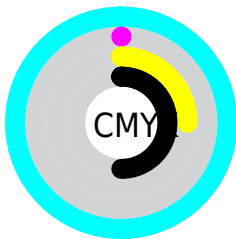
# Distribution



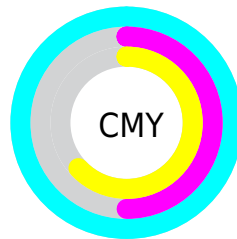
- Red (0%)
- Green (50%)
- Blue (37%)



- Red (0%)
- Yellow (29%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278222687 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 4278222687 by changing the saturation by 10% instead.



 4278222687

 4278222687

4294967295

 4278216007

 4283413905

 4278209841

 4285256108

 4278203676

 4287163847

 4278198274

 4289003491

 4278190080

 4290904063

 4292804607

 4294770687

 4278222687

 4279074658

 4279861093

 4280713065

 4281565036

 4282417007

 4283203442

 4284055413

 4284907385

 4285693820

# Harmonies

## Analogous

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



4283136832



4278222687



4278222977

# Triad

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



4278222687



4283985327



4289027137

# Complementary

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



4278222687



4286513184

# 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.



4289549406



4278222687



4287192989

# Square

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



4278222687



4278220719



4289025408



4287588398

# Rectangle

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



4278222687



4278222742



4289025408



4289288522



# Sweetspot

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



4278222687



4285834905



4280450816



4281750605



4292138196



4283716692



# Same Dimension

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



4278222687



4278232700



4278215039



4281942078



4278222943



4278190080



# Inverse Universe

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



4286513184



4289069098



4286520832



4282399035



4286578720



4278190080



# Previews

## White Background



This preview shows how the Android color 4278222687 looks on a white background.

## Color Contrast Check

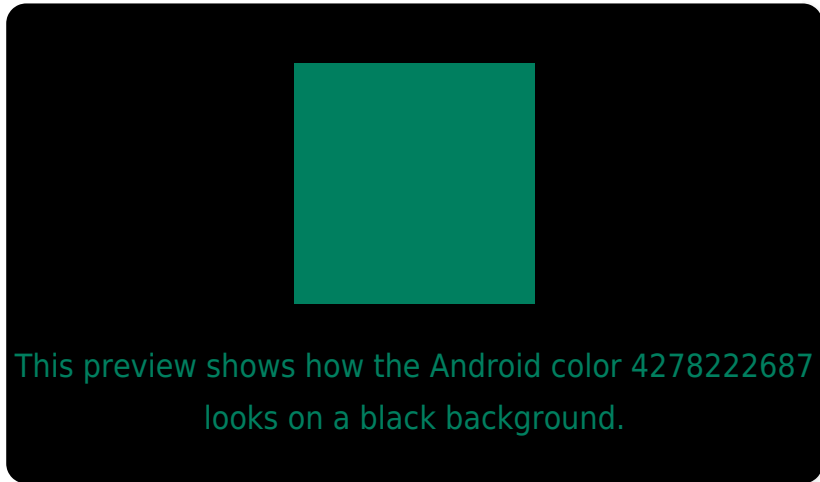
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278222687 Background



This preview shows how black text looks on a background with the Android color 4278222687.



This preview shows how white text looks on a background with the Android color 4278222687.

# 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**

4278222687

**Protanopia**

4285951831

**Deuteranopia**

4286475107



# Trichromacy



**Original Color**  
4278222687

**Protanomaly**  
4283135322

**Deuteranomaly**  
4283462242

**Tritanomaly**  
4279925879

# Monochromacy



**Original Color**  
4278222687

**Achromatopsia**  
4283782485

**Achromatomaly**  
4281754713

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278222687 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, 127, 95)` looks like.

```
.text, #text, p{  
    color:rgb(0, 127, 95)  
}
```

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, 127, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 127, 95) }
```

## Border

The CSS property to change the border of an element to Android 4278222687 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, 127, 95) }
```

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

```
.border{ border-color:rgb(0, 127, 95) }
```

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

Here you see how a box with a 4 pixel rgb(0, 127, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 127, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 127, 95);  
box-shadow:4px 4px 4px 4px rgb(0, 127, 95)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278222687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 127, 95) }
```

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

```
.background{ background-color: rgb(0, 127,  
95) }
```

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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