

# Converting Colors

Android(4278230111)

Have a look what the booklet for  
Android(4278230111) contains.

<b>Android(4278230111)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4278230111)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009C5F
RGB	0, 156, 95
RGB Percent	0%, 61%, 37%
CMY	1.0000, 0.3882, 0.6275
CMYK	1.00, 0.00, 0.39, 0.39
HSL	157°, 100%, 31%
HSV	157°, 100%, 61%
XYZ	13.9540, 24.6032, 14.8399
YIQ	102.4020, -73.3950, -52.0430

# Conversions

## Conversions Part 2

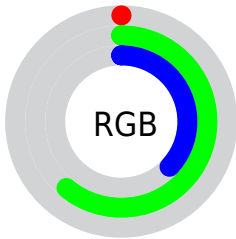
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 97, 156
Decimal	40031
CIELab	56.69, -49.54, 22.40
CIELCh	57, 54.364, 155.670
Yxy	24.6032, 0.2613, 0.4608
Android (android.graphics.Color)	4278230111 (0xFF009C5F)
YUV	102.4020, -3.6492, -89.8066
Hunter-Lab	49.6016, -36.5867, 16.9826

# Details

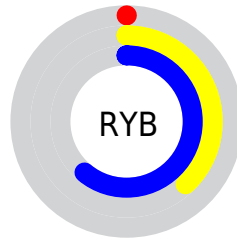
The Android color `4278230111` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288413757`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4283946130`, and `4278216496` is the 20% darker color. If you saturate the color by 10%, you get `4278230111`, and if you desaturate by 10%, it is `4279278693`.

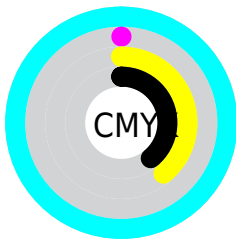
# Distribution



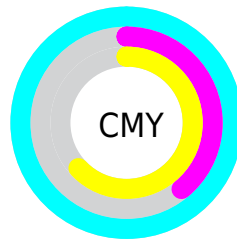
- Red (0%)
- Green (61%)
- Blue (37%)



- Red (0%)
- Yellow (38%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278230111 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 4278230111 by changing the saturation by 10% instead.





4278230111



4278230111

4294967295



4278223175



4283946130



4278216496



4285919405



4278210074



4287889352



4278203905



4289789924



4278198016



4291756031



4278190080



4293722111



4278230111



4279278693

 4280261739

 4281310321

 4282293367

 4283341950

 4284390532

 4285373578

 4286422160

 4287405206

# Harmonies

## Analogous

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



4284978485



4278230111



4278230928

# Triad

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



4278230111



4281240294



4292437331

# Complementary

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



4278230111



4288413757

# 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.



4292697217



4278230111



4288051413

# Square

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



4278230111



4278228958



4291323056



4290803503

# Rectangle

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



4278230111



4278230704



4291323056



4292698210



# Sweetspot

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



4278230111



4287614132



4282293248



4282476120



4293322470



4284900966



# Same Dimension

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



4278230111



4278242428



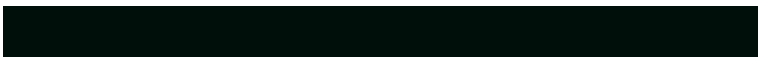
4278226076



4282863436



4278226775



4278193929



# Inverse Universe

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



4288413757



4291559504



4288417792



4283385674



4287561784



4279173126



# Previews

## White Background



This preview shows how the Android color 4278230111 looks on a white background.

## Color Contrast Check

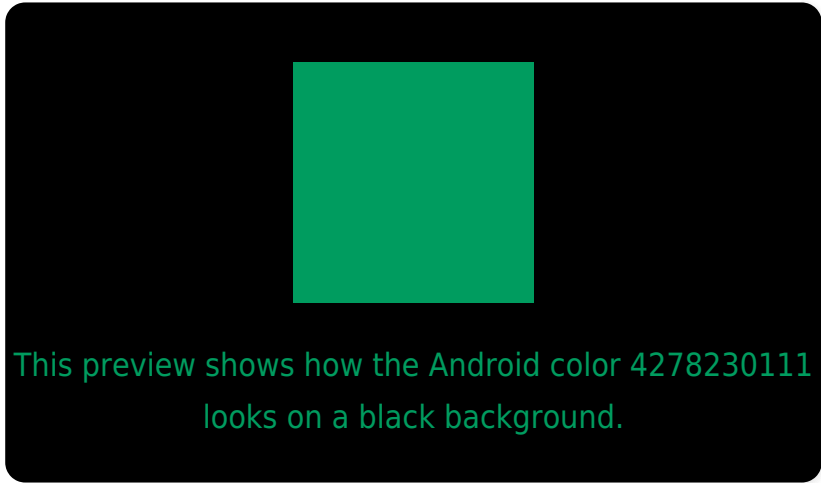
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278230111 Background



This preview shows how black text looks on a background with the Android color 4278230111.



This preview shows how white text looks on a background with the Android color 4278230111.

# 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**

4278230111



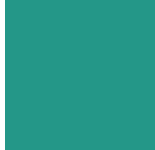
**Protanomaly**

4284387162



**Deuteranomaly**

4284844899



**Tritanomaly**

4280588168

# Monochromacy



**Original Color**

4278230111



**Achromatopsia**

4284900966



**Achromatomaly**

4282481251

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278230111 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, 156, 95)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 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, 156, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 95) }
```

## Border

The CSS property to change the border of an element to Android 4278230111 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, 156, 95) }
```

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

```
.border{ border-color:rgb(0, 156, 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, 156, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 95);  
box-shadow:4px 4px 4px 4px rgb(0, 156, 95)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278230111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 95) }
```

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

```
.background{ background-color: rgb(0, 156,  
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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