

# Converting Colors

Android(4278230366)

Have a look what the booklet for  
Android(4278230366) contains.

<b>Android(4278230366)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4278230366)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009D5E
RGB	0, 157, 94
RGB Percent	0%, 62%, 37%
CMY	1.0000, 0.3843, 0.6314
CMYK	1.00, 0.00, 0.40, 0.38
HSL	156°, 100%, 31%
HSV	156°, 100%, 62%
XYZ	14.0774, 24.9221, 14.6582
YIQ	102.8750, -73.3490, -52.8770

# Conversions

## Conversions Part 2

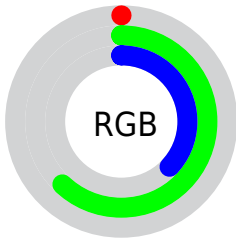
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 98, 157
Decimal	40286
CIELab	57.00, -50.11, 23.36
CIELCh	57, 55.286, 155.008
Yxy	24.9221, 0.2624, 0.4645
Android (android.graphics.Color)	4278230366 (0xFF009D5E)
YUV	102.8750, -4.3754, -90.2214
Hunter-Lab	49.9220, -37.0289, 17.5366

# Details

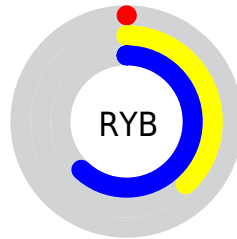
The Android color `4278230366` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288479295`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4284011921`, and `4278216751` is the 20% darker color. If you saturate the color by 10%, you get `4278230366`, and if you desaturate by 10%, it is `4279278948`.

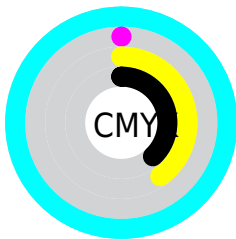
# Distribution



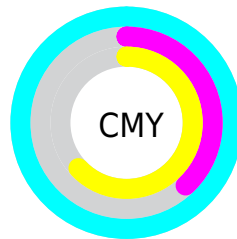
- Red (0%)
- Green (62%)
- Blue (37%)



- Red (0%)
- Yellow (38%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278230366 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 4278230366 by changing the saturation by 10% instead.



 4278230366

 4278230366

4294967295

 4278223430

 4284011921

 4278216751

 4285985452


 4278210329

 4287889351

 4278204160

 4289855459

 4278198272

 4291756031


 4278190080

 4293722111

 4278230366

 4279278948

 4280261995

 4281310577

 4282359159

 4283407742

 4284390788

 4285439370

 4286487952

 4287470999

# Harmonies

## Analogous

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



4285044276



4278230366



4278231184

# Triad

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



4278230366



4280650985



4292568148

# Complementary

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



4278230366



4288479295

# 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.



4292893571



4278230366



4287986136

# Square

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



4278230366



4278229216



4291388594



4290934575

# Rectangle

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



4278230366



4278231216



4291388594



4292829283



# Sweetspot

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



4278230366



4287614131



4282490112



4282476119



4293322470



4284900966



# Same Dimension

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



4278230366



4278242426



4278227101



4282863436



4278226773



4278193929



# Inverse Universe

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



4288479295



4291559506



4288482560



4283385674



4287561785



4279173126



# Previews

## White Background



This preview shows how the Android color 4278230366 looks on a white background.

## Color Contrast Check

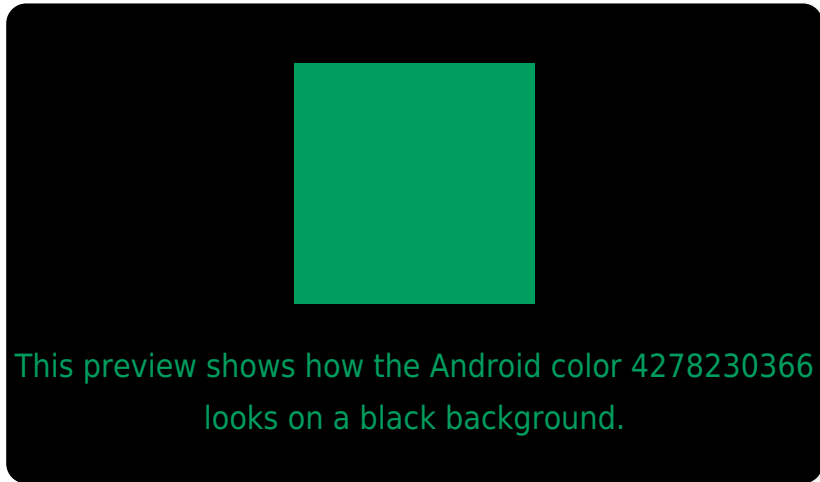
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278230366 Background



This preview shows how black text looks on a background with the Android color 4278230366.



This preview shows how white text looks on a background with the Android color 4278230366.

# 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**

4278230366



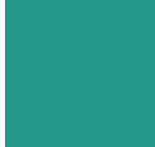
**Protanomaly**

4284387417



**Deuteranomaly**

4284910690



**Tritanomaly**

4280588425

# Monochromacy



**Original Color**

4278230366



**Achromatopsia**

4284966759



**Achromatomaly**

4282547044

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278230366 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, 157, 94)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 94)  
}
```

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, 157, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 94) }
```

## Border

The CSS property to change the border of an element to Android 4278230366 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, 157, 94) }
```

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

```
.border{ border-color:rgb(0, 157, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 157, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 94);  
box-shadow:4px 4px 4px 4px rgb(0, 157, 94)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278230366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 94) }
```

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

```
.background{ background-color: rgb(0, 157,  
94) }
```

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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