

# Converting Colors

Android(4278231606)

Have a look what the booklet for  
Android(4278231606) contains.

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**Color**

**Android(4278231606)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A236
RGB	0, 162, 54
RGB Percent	0%, 64%, 21%
CMY	1.0000, 0.3647, 0.7882
CMYK	1.00, 0.00, 0.67, 0.36
HSL	140°, 100%, 32%
HSV	140°, 100%, 64%
XYZ	13.5862, 26.1070, 7.8131
YIQ	101.2500, -61.8840, -67.9320

# Conversions

## Conversions Part 2

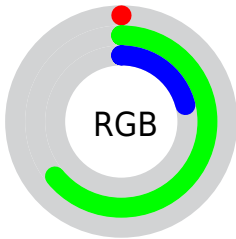
Format	Color
<a href="#">RYB</a>	<a href="#">0, 122, 162</a>
Decimal	<a href="#">41526</a>
CIELab	<a href="#">58.14, -58.13, 44.72</a>
CIELCh	<a href="#">58, 73.340, 142.432</a>
Yxy	<a href="#">26.1070, 0.2860, 0.5495</a>
Android (android.graphics.Color)	<a href="#">4278231606 (0xFF00A236)</a>
YUV	<a href="#">101.2500, -23.2942, -88.7963</a>
Hunter-Lab	<a href="#">51.0950, -41.9530, 26.7003</a>

# Details

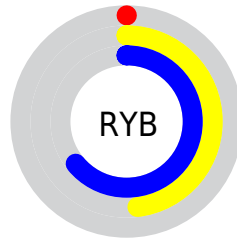
The Android color `4278231606` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4288807020`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4284144233`, and `4278217984` is the 20% darker color. If you saturate the color by 10%, you get `4278231606`, and if you desaturate by 10%, it is `4279280193`.

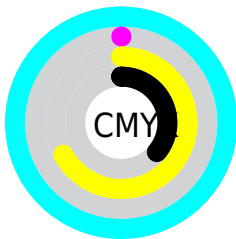
# Distribution



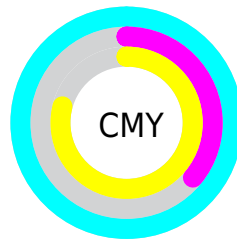
- Red (0%)
- Green (64%)
- Blue (21%)



- Red (0%)
- Yellow (48%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278231606 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 4278231606 by changing the saturation by 10% instead.



 4278231606

 4278231606

4294967295

 4278224667

 4284144233

 4278217984

 4286183300

 4278211328

 4288151455

 4278205184

 4290117563

 4278199040

 4292083671

 4278190080

 4294049780

 4278231606

 4279280193

 4280328780

 4281442902

 4282491489

 4283540076

 4284588663

 4285637250

 4286751372

 4287799959

# Harmonies

## Analogous

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



4286224128



4278231606



4278232953

# Triad

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



4278231606



4278229247



4294658399

# Complementary

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



4278231606



4288807020

# 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.



4294264223



4278231606



4284711679

# Square

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



4278231606



4278232305



4291322587



4293093154

# Rectangle

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



4278231606



4278233254



4291322587



4294787956



# Sweetspot

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



4278231606



4287943849



4285309440



4282739537



4293651435



4285229931



# Same Dimension

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



4278231606



4278244423



4278231687



4282995276



4278227248



4278194694



# Inverse Universe

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



4288807020



4292083853



4288806939



4283582799



4287692897

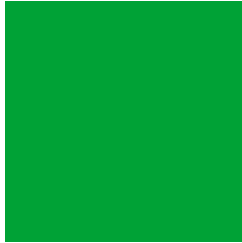


4279369740



# Previews

## White Background



This preview shows how the Android color 4278231606 looks on a white background.

## Color Contrast Check

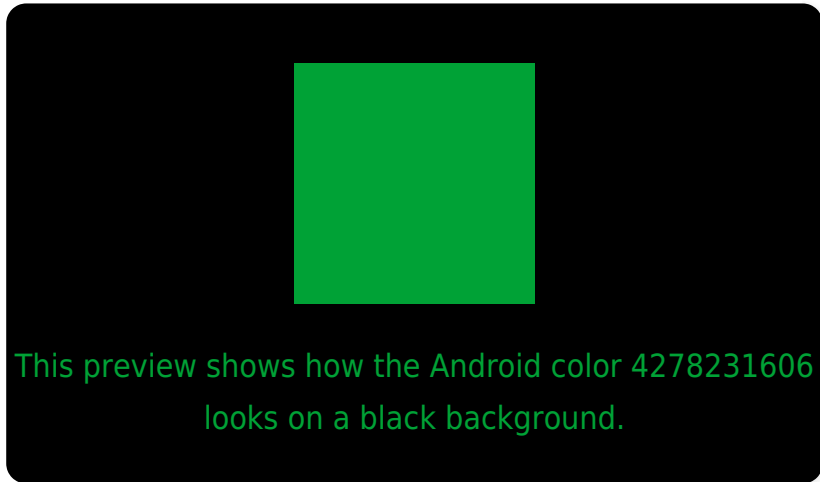
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278231606 Background



This preview shows how black text looks on a background with the Android color 4278231606.



This preview shows how white text looks on a background with the Android color 4278231606.

# 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**  
4278231606

**Protanopia**  
4288383792

**Deuteranopia**  
4289496128



# Trichromacy



**Original Color**

4278231606



**Protanomaly**

4284715826



**Deuteranomaly**

4285370172



**Tritanomaly**

4280982396

# Monochromacy



**Original Color**

4278231606



**Achromatopsia**

4284835173



**Achromatomaly**

4282415956

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278231606 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, 162, 54)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 54)  
}
```

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, 162, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 54) }
```

## Border

The CSS property to change the border of an element to Android 4278231606 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, 162, 54) }
```

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

```
.border{ border-color:rgb(0, 162, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 162, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 54);  
box-shadow:4px 4px 4px 4px rgb(0, 162, 54)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278231606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 54) }
```

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

```
.background{ background-color: rgb(0, 162,  
54) }
```

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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