

# Converting Colors

Android(4278228483)

Have a look what the booklet for  
Android(4278228483) contains.

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**Color**

**Android(4278228483)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	009603
RGB	0, 150, 3
RGB Percent	0%, 59%, 1%
CMY	1.0000, 0.4118, 0.9882
CMYK	1.00, 0.00, 0.98, 0.41
HSL	121°, 100%, 29%
HSV	121°, 100%, 59%
XYZ	10.9228, 21.8193, 3.7220
YIQ	88.3920, -42.2130, -77.5170

# Conversions

## Conversions Part 2

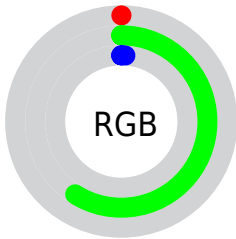
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 147, 150
Decimal	38403
CIELab	53.83, -57.92, 55.50
CIELCh	54, 80.216, 136.225
Yxy	21.8193, 0.2995, 0.5984
Android (android.graphics.Color)	4278228483 (0xFF009603)
YUV	88.3920, -42.0983, -77.5198
Hunter-Lab	46.7111, -40.0045, 27.9735

# Details

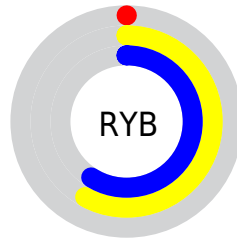
The Android color `4278228483` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4288020627`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4284075334`, and `4278214912` is the 20% darker color. If you saturate the color by 10%, you get `4278228483`, and if you desaturate by 10%, it is `4279211538`.

# Distribution



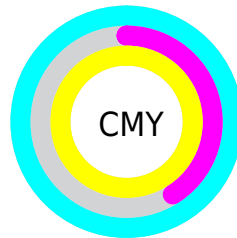
- Red (0%)
- Green (59%)
- Blue (1%)



- Red (0%)
- Yellow (58%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278228483 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 4278228483 by changing the saturation by 10% instead.



 4278228483

 4278228483

4294967295

 4278221568

 4284075334

 4278214912

 4286048865

 4278208512

 4288020348

 4278202880

 4289920920

 4278195712

 4291887028

 4278190080


 4293853136

 4294967277

 4278228483

 4279211538

 4280194592

 4281177647

 4282160702

 4283143757

 4284126811

 4285109866

 4286092921

 4287075975

# Harmonies

## Analogous

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



4286155008



4278228483



4278230109

# Triad

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



4278228483



4278227711



4294386527

# Complementary

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



4278228483



4288020627

# 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.



4293536676



4278228483



4278222335

# Square

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



4278228483



4278230244



4289747426



4293086745

# Rectangle

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



4278228483



4278230670



4289747426



4294384245



# Sweetspot

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



4278228483



4287152777



4287927808



4282278207



4292927712



4284572001



# Same Dimension

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



4278228483



4278239748



4278228558



4282600003



4278225411



4278192640



# Inverse Universe

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



4288020627



4290904254



4288020553



4283056970



4287234183

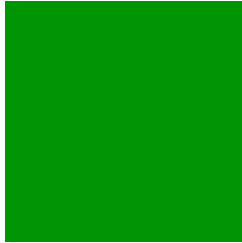


4278845450



# Previews

## White Background



This preview shows how the Android color 4278228483 looks on a white background.

## Color Contrast Check

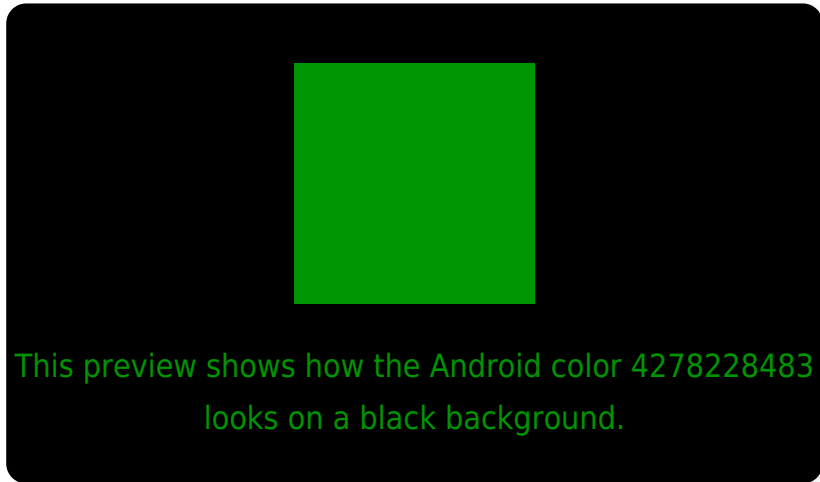
Large Text (above 18pt) WCAG AA ✓ Pass

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

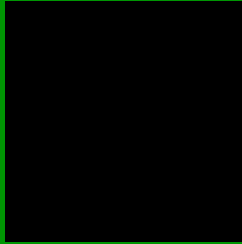
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278228483 Background



This preview shows how black text looks on a background with the Android color 4278228483.



This preview shows how white text looks on a background with the Android color 4278228483.

# 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**  
4278228483

**Protanopia**  
4287725568

**Deuteranopia**  
4288772641



# Trichromacy



**Original Color**

4278228483



**Protanomaly**

4284254209



**Deuteranomaly**

4284908566



**Tritanomaly**

4280848225

# Monochromacy



**Original Color**

4278228483



**Achromatopsia**

4283979864



**Achromatomaly**

4281888569

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278228483 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, 150, 3)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 3)  
}
```

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, 150, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 3) }
```

## Border

The CSS property to change the border of an element to Android 4278228483 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, 150, 3) }
```

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

```
.border{ border-color:rgb(0, 150, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 150, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 150, 3); box-shadow:4px  
4px 4px 4px rgb(0, 150, 3) }
```

# Background

The CSS property to change the background color of an element to Android 4278228483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 3) }
```

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

```
.background{ background-color: rgb(0, 150,  
3) }
```

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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