

# Converting Colors

Android(4278357302)

Have a look what the booklet for  
Android(4278357302) contains.

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# Color

**Android(4278357302)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	028D36
RGB	2, 141, 54
RGB Percent	1%, 55%, 21%
CMY	0.9922, 0.4471, 0.7882
CMYK	0.99, 0.00, 0.62, 0.45
HSL	142°, 97%, 28%
HSV	142°, 99%, 55%
XYZ	10.2158, 19.3290, 6.6825
YIQ	89.5210, -54.9170, -56.5250

# Conversions

## Conversions Part 2

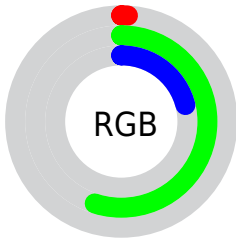
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 103, 141
Decimal	167222
CIE <sub>Lab</sub>	51.07, -51.37, 36.75
CIE <sub>LCh</sub>	51, 63.158, 144.420
Yxy	19.3290, 0.2820, 0.5335
Android (android.graphics.Color)	4278357302 (0xFF028D36)
YUV	89.5210, -17.5119, -76.7559
Hunter-Lab	43.9648, -35.4616, 21.7635

# Details

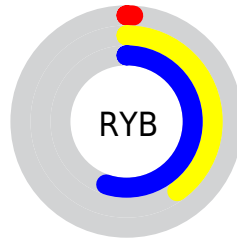
The Android color `4278357302` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4287431257`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4283745384`, and `4278212865` is the 20% darker color. If you saturate the color by 10%, you get `4278226229`, and if you desaturate by 10%, it is `4279274815`.

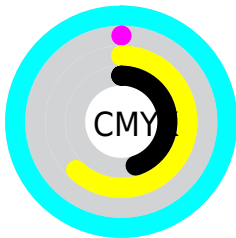
# Distribution



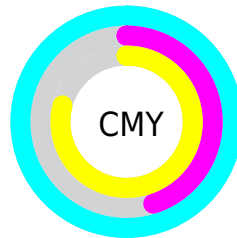
- Red (1%)
- Green (55%)
- Blue (21%)



- Red (1%)
- Yellow (40%)
- Blue (55%)



- Cyan (99%)
- Magenta (0%)
- Yellow (62%)
- Black (45%)



- Cyan (99%)
- Magenta (45%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278357302 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 4278357302 by changing the saturation by 10% instead.



 4278357302

 4278357302

4294967295

 4278219549

 4283745384

 4278212865

 4285653122

 4278206464

 4287561116

 4278201088

 4289462200

 4278191872

 4291428308

 4278190080

 4293328880

 4278357302

 4278357302

 4278226229

 4279274815

 4280192328

 4281109840

 4282027353

 4283010402

 4283927915

 4284845428

 4285762941

 4286680453

# Harmonies

## Analogous

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



4285039616



4278357302



4278227309

# Triad

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



4278357302



4278223846



4292298065

# Complementary

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



4278357302



4287431257

# 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.



4292034694



4278357302



4284641501

# Square

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



4278357302



4278226641



4289746361



4290927903

# Rectangle

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



4278357302



4278227603



4289746361



4292427874



# Sweetspot

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



4278357302



4286691477



4284124418



4282080327



4292598747



4284243036



# Same Dimension

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



4278357302



4278237253



4278357370



4282402627



4278224691



4278192131



# Inverse Universe

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



4287431257



4290248819



4287431189



4282859589



4287037525



4278714373



# Previews

## White Background



This preview shows how the Android color 4278357302 looks on a white background.

## Color Contrast Check

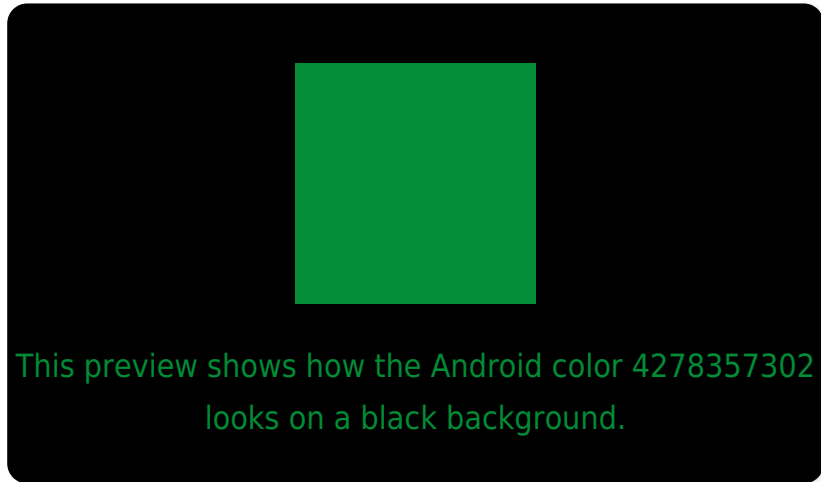
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278357302 Background



This preview shows how black text looks on a background with the Android color 4278357302.



This preview shows how white text looks on a background with the Android color 4278357302.

# 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**  
4278357302

**Protanopia**  
4287068464

**Deuteranopia**  
4287984446



# Trichromacy



**Original Color**

4278357302



**Protanomaly**

4283924530



**Deuteranomaly**

4284513339



**Tritanomaly**

4280584047

# Monochromacy



**Original Color**

4278357302



**Achromatopsia**

4284111450



**Achromatomaly**

4282019149

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278357302 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(2, 141, 54)` looks like.

```
.text, #text, p{  
    color:rgb(2, 141, 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(2, 141, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 141, 54) }
```

## Border

The CSS property to change the border of an element to Android 4278357302 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(2, 141, 54) }
```

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

```
.border{ border-color:rgb(2, 141, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 141, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 141, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 141, 54);  
box-shadow:4px 4px 4px 4px rgb(2, 141, 54)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278357302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 141, 54) }
```

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

```
.background{ background-color: rgb(2, 141,  
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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