

# Converting Colors

Android(4281367341)

Have a look what the booklet for  
Android(4281367341) contains.

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# Color

**Android(4281367341)**

# Conversions

## Conversions Part 1

Format	Color
Hex	307B2D
RGB	48, 123, 45
RGB Percent	19%, 48%, 18%
CMY	0.8118, 0.5176, 0.8235
CMYK	0.61, 0.00, 0.63, 0.52
HSL	118°, 46%, 33%
HSV	118°, 63%, 48%
XYZ	8.7755, 14.9838, 4.9123
YIQ	91.6830, -19.6620, -40.1580

# Conversions

## Conversions Part 2

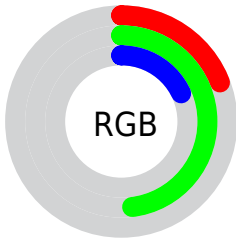
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 123, 120
Decimal	3177261
CIELab	45.61, -39.58, 35.03
CIELCh	46, 52.857, 138.492
Yxy	14.9838, 0.3061, 0.5226
Android (android.graphics.Color)	4281367341 (0xFF307B2D)
YUV	91.6830, -23.0147, -38.3100
Hunter-Lab	38.7089, -27.2735, 19.5721

# Details

The Android color `4281367341` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4286066043`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4284985438`, and `4278208768` is the 20% darker color. If you saturate the color by 10%, you get `4280580897`, and if you desaturate by 10%, it is `4282153785`.

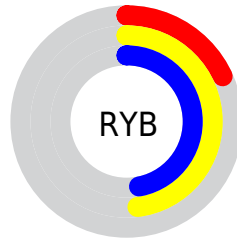
# Distribution



 Red (19%)

 Green (48%)

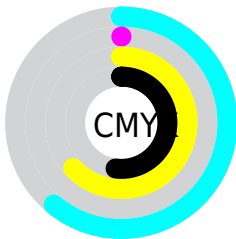
 Blue (18%)




 Red (18%)

 Yellow (48%)

 Blue (47%)

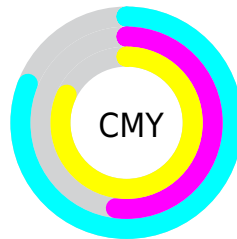


 Cyan (61%)


 Magenta (0%)

 Yellow (63%)

 Black (52%)



 Cyan (81%)

 Magenta (52%)

 Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281367341 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 4281367341 by changing the saturation by 10% instead.





4281367341



4281367341

4294967295



4279198228



4284985438



4278208768



4286762103



4278202880



4288538770



4278197248



4290379693



4278190080



4292280264



4294180837



4281367341



4281367341



4280580897



4282153785

■ 4279794452

■ 4282940230

■ 4279073544

■ 4283661138

■ 4278549248

■ 4284447582

■ 4285234027

■ 4286020471

■ 4286806915

■ 4287593359

■ 4288314268

# Harmonies

## Analogous

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



4285035012



4281367341



4278222681

# Triad

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



4281367341



4278220483



4290462035

# Complementary

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



4281367341



4286066043

# 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.



4289938047



4281367341



4282935232

# Square

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



4281367341



4278222510



4287648935



4289548586

# Rectangle

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



4281367341



4278223224



4287648935



4290461537



# Sweetspot

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



4281367341



4286816642



4286281517



4282405439



4291940817



4283585106



# Same Dimension

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



4281367341



4281049383



4281170768



4281810231



4278549760



4278909952



# Inverse Universe

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



4286066043



4288423841



4286262616



4282201917



4286054525



4294115580



# Previews

## White Background



This preview shows how the Android color 4281367341 looks on a white background.

## Color Contrast Check

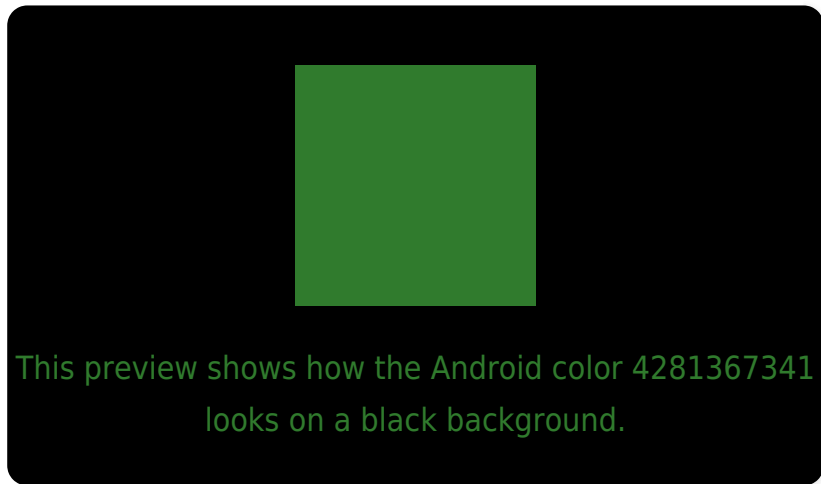
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4281367341 Background



This preview shows how black text looks on a background with the Android color 4281367341.



This preview shows how white text looks on a background with the Android color 4281367341.

# 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**  
4281367341

**Protanopia**  
4286082089

**Deuteranopia**  
4286866995



# Trichromacy



**Original Color**  
4281367341

**Protanomaly**  
4284379434

**Deuteranomaly**  
4284837425

**Tritanomaly**  
4282152543

# Monochromacy



**Original Color**  
4281367341

**Achromatopsia**  
4284243036

**Achromatomaly**  
4283197259

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281367341 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(48, 123, 45)` looks like.

```
.text, #text, p{  
    color:rgb(48, 123, 45)  
}
```

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(48, 123, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 123, 45) }
```

## Border

The CSS property to change the border of an element to Android 4281367341 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(48, 123, 45) }
```

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

```
.border{ border-color:rgb(48, 123, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 123, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 123, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 123, 45);  
box-shadow:4px 4px 4px 4px rgb(48, 123,  
45) }
```

# Background

The CSS property to change the background color of an element to Android 4281367341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 123, 45) }
```

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

```
.background{ background-color: rgb(48, 123,  
45) }
```

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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