

# Converting Colors

Android(4281357850)

Have a look what the booklet for  
Android(4281357850) contains.

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# Color

**Android(4281357850)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	30561A
RGB	48, 86, 26
RGB Percent	19%, 34%, 10%
CMY	0.8118, 0.6627, 0.8980
CMYK	0.44, 0.00, 0.70, 0.66
HSL	98°, 54%, 22%
HSV	98°, 70%, 34%
XYZ	4.7332, 7.3585, 2.1482
YIQ	67.7980, -3.3880, -26.7160

# Conversions

## Conversions Part 2

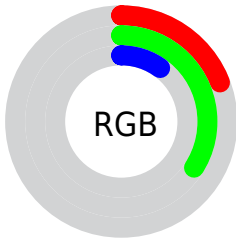
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 86, 64
Decimal	3167770
CIELab	32.61, -25.57, 29.77
CIELCh	33, 39.242, 130.663
Yxy	7.3585, 0.3324, 0.5168
Android (android.graphics.Color)	4281357850 (0xFF30561A)
YUV	67.7980, -20.6064, -17.3628
Hunter-Lab	27.1266, -16.3262, 14.2935

# Details

The Android color **4281357850** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4282391126**, and the grayscale version is **4282664004**.

A 20% lighter version of the original color is **4284581961**, and **4278200320** is the 20% darker color. If you saturate the color by 10%, you get **4281030161**, and if you desaturate by 10%, it is **4281685539**.

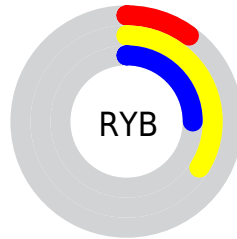
# Distribution



 Red (19%)

 Green (34%)

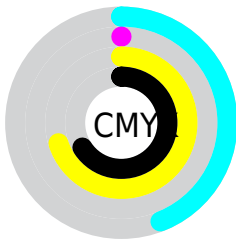
 Blue (10%)




 Red (10%)

 Yellow (34%)

 Blue (25%)

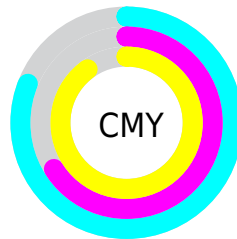


 Cyan (44%)


 Magenta (0%)

 Yellow (70%)

 Black (66%)



 Cyan (81%)

 Magenta (66%)


 Yellow (90%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281357850 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 4281357850 by changing the saturation by 10% instead.



 4281357850

 4281357850

4294967295

 4279778818

 4284581961

 4278200320

 4286292833

 4278194432

 4288069242

 4278190080

 4289845909

 4291688111

 4293525451

 4294967271

 4281357850

 4281357850

■ 4281030161

■ 4281685539

■ 4280636937

■ 4282078763

■ 4280309248

■ 4282406452

■ 4282799676

■ 4283127365

■ 4283520590

■ 4283848278

■ 4284241503

■ 4284569191

# Harmonies

## Analogous

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



4283584262



4281357850



4278213175

# Triad

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



4281357850



4278212231



4286918467

# Complementary

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



4281357850



4282391126

# 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.



4286198626



4281357850



4280241546

# Square

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



4281357850



4278213236



4284235900



4286527270

# Rectangle

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



4281357850



4278213452



4284235900



4286787405



# Sweetspot

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



4281357850



4284575833



4283842586



4281284650



4290295992



4281874488



# Same Dimension

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



4281357850



4281692178



4279916066



4280888103



4280773376



4283886336



# Inverse Universe

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



4282391126



4283306608



4283832910



4280952619



4282646635

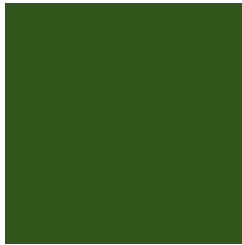


4287955179



# Previews

## White Background



This preview shows how the Android color 4281357850 looks on a white background.

## Color Contrast Check

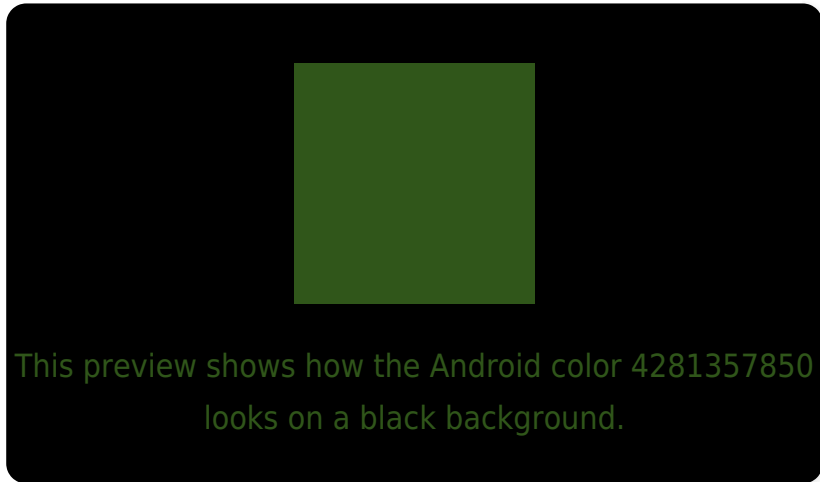
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4281357850 Background



This preview shows how black text looks on a background with the Android color 4281357850.



This preview shows how white text looks on a background with the Android color 4281357850.

# 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**  
4281357850

**Protanopia**  
4283845912

**Deuteranopia**  
4284434719



# Trichromacy



**Original Color**  
4281357850

**Protanomaly**  
4282929177

**Deuteranomaly**  
4283321885

**Tritanomaly**  
4281750081

# Monochromacy



**Original Color**  
4281357850

**Achromatopsia**  
4282664004

**Achromatomaly**  
4282207029

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281357850 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, 86, 26)` looks like.

```
.text, #text, p{  
    color:rgb(48, 86, 26)  
}
```

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, 86, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 86, 26) }
```

## Border

The CSS property to change the border of an element to Android 4281357850 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, 86, 26) }
```

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

```
.border{ border-color:rgb(48, 86, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 86, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 86, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 86, 26);  
box-shadow:4px 4px 4px 4px rgb(48, 86, 26)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281357850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 86, 26) }
```

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

```
.background{ background-color: rgb(48, 86,  
26) }
```

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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