

# Converting Colors

Android(4281948416)

Have a look what the booklet for  
Android(4281948416) contains.

<b>Android(4281948416)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4281948416)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	395900
RGB	57, 89, 0
RGB Percent	22%, 35%, 0%
CMY	0.7765, 0.6510, 1.0000
CMYK	0.36, 0.00, 1.00, 0.65
HSL	82°, 100%, 17%
HSV	82°, 100%, 35%
XYZ	5.2597, 8.0146, 1.2698
YIQ	69.2860, 9.4970, -34.4630

# Conversions

## Conversions Part 2

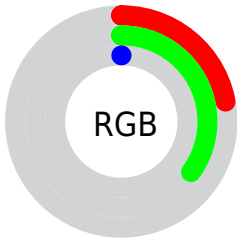
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 89, 32
Decimal	3758336
CIELab	34.01, -25.04, 40.88
CIELCh	34, 47.935, 121.489
Yxy	8.0146, 0.3616, 0.5511
Android (android.graphics.Color)	4281948416 (0xFF395900)
YUV	69.2860, -34.1580, -10.7748
Hunter-Lab	28.3101, -16.3792, 17.1578

# Details

The Android color **4281948416** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4280287321**, and the grayscale version is **4282795590**.

A 20% lighter version of the original color is **4285303606**, and **4278463232** is the 20% darker color. If you saturate the color by 10%, you get **4281948416**, and if you desaturate by 10%, it is **4282145033**.

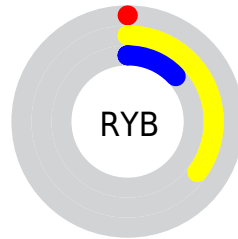
# Distribution



Red (22%)

Green (35%)

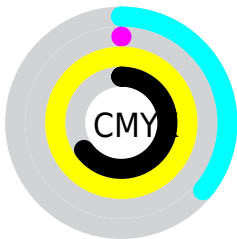
Blue (0%)



Red (0%)

Yellow (35%)

Blue (13%)

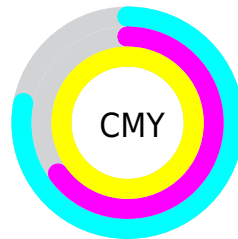


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (65%)



Cyan (78%)

Magenta (65%)

Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281948416 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 4281948416 by changing the saturation by 10% instead.



 4281948416

 4281948416

 4294967281

 4280434944

 4285303606

 4278463232

 4287014479

 4278195968

 4288790889


 4278190080

 4290633091

 4292540829

 4294442937

 4294967253

 4281948416

■ 4282145033

■ 4282341650

■ 4282603803

■ 4282800420

■ 4282997037

■ 4283193653

■ 4283390270

■ 4283652423

■ 4283849040

# Harmonies

## Analogous

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



4284436224



4281948416



4278214441

# Triad

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



4281948416



4278214035



4287768144

# Complementary

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



4281948416



4280287321

# 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.



4286460533



4281948416



4278211741

# Square

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



4281948416



4278215031



4283450769



4287639083

# Rectangle

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



4281948416



4278214723



4283450769



4287506525



# Sweetspot

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



4281948416



4284904272



4284030720



4281547558



4290427578



4282071867



# Same Dimension

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



4281948416



4283003648



4279064832



4280953639



4282739456



4288080640



# Inverse Universe

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



4280287321



4280877171



4283170905



4280887083



4280746091

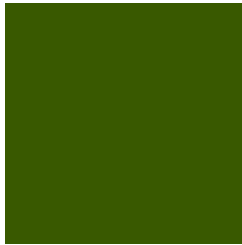


4283695339



# Previews

## White Background



This preview shows how the Android color 4281948416 looks on a white background.

## Color Contrast Check

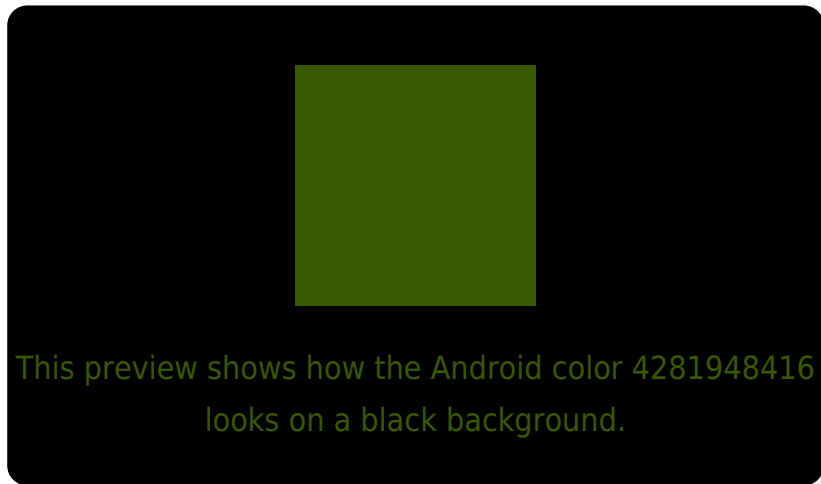
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281948416 Background



This preview shows how black text looks on a background with the Android color 4281948416.



This preview shows how white text looks on a background with the Android color 4281948416.

# 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**

4281948416

**Protanopia**

4284108800

**Deuteranopia**

4284828689



# Trichromacy



**Original Color**  
4281948416

**Protanomaly**  
4283323136

**Deuteranomaly**  
4283781387

**Tritanomaly**  
4282340665

# Monochromacy



**Original Color**  
4281948416

**Achromatopsia**  
4282729797

**Achromatomaly**  
4282469420

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281948416 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(57, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(57, 89, 0)  
}
```

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(57, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 89, 0) }
```

## Border

The CSS property to change the border of an element to Android 4281948416 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(57, 89, 0) }
```

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

```
.border{ border-color:rgb(57, 89, 0) }
```

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

Here you see how a box with a 4 pixel rgb(57, 89, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 89, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(57, 89, 0); box-shadow:4px  
4px 4px 4px rgb(57, 89, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4281948416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 89, 0) }
```

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

```
.background{ background-color: rgb(57, 89,  
0) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor