

# Converting Colors

Android(4281829386)

Have a look what the booklet for  
Android(4281829386) contains.

<b>Android(4281829386)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4281829386)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	37880A
RGB	55, 136, 10
RGB Percent	22%, 53%, 4%
CMY	0.7843, 0.4667, 0.9608
CMYK	0.60, 0.00, 0.93, 0.47
HSL	99°, 86%, 29%
HSV	99°, 93%, 53%
XYZ	10.4345, 18.4425, 3.2970
YIQ	97.4170, -7.8300, -56.3580

# Conversions

## Conversions Part 2

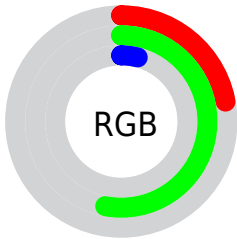
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 136, 91
Decimal	3639306
CIELab	50.03, -45.19, 51.50
CIElCh	50, 68.521, 131.265
Yxy	18.4425, 0.3243, 0.5732
Android (android.graphics.Color)	4281829386 (0xFF37880A)
YUV	97.4170, -43.0966, -37.1997
Hunter-Lab	42.9447, -31.7821, 25.5095

# Details

The Android color **4281829386** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **4284156552**, and the grayscale version is **4284637794**.

A 20% lighter version of the original color is **4285578822**, and **4278211840** is the 20% darker color. If you saturate the color by 10%, you get **4281436160**, and if you desaturate by 10%, it is **4282419224**.

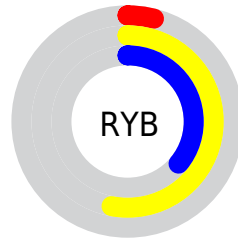
# Distribution



Red (22%)

Green (53%)

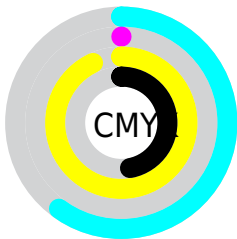
Blue (4%)



Red (4%)

Yellow (53%)

Blue (36%)

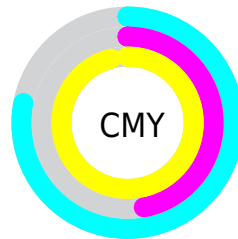


Cyan (60%)

Magenta (0%)

Yellow (93%)

Black (47%)



Cyan (78%)

Magenta (47%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281829386 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 4281829386 by changing the saturation by 10% instead.





4281829386



4281829386

4294967295



4279528960



4285578822



4278211840



4287421025



4278205696



4289263483



4278200320



4291166103



4278190080



4293066674



4294967246



4294967275



4281829386



4281829386

■ 4281436160

■ 4282419224

■ 4282943525

■ 4283533363

■ 4284123200

■ 4284713038

■ 4285237340

■ 4285827177

■ 4286417015

■ 4287006852

# Harmonies

## Analogous

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



4286348032



4281829386



4278226511

# Triad

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



4281829386



4278225126



4292686180

# Complementary

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



4281829386



4284156552

# 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.



4291509406



4281829386



4278220779

# Square

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



4281829386



4278226883



4287847632



4291840556

# Rectangle

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



4281829386



4278227064



4287847632



4292554871



# Sweetspot

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



4281829386



4287672447



4287126026



4282800443



4292467161



4284045657



# Same Dimension

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



4281829386



4282363904



4278880283



4282402110



4281304320



4278322432



# Inverse Universe

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



4284156552



4285595824



4287105655



4282531397



4283760773

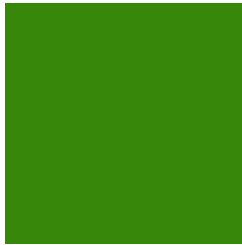


4278386693



# Previews

## White Background



This preview shows how the Android color 4281829386 looks on a white background.

## Color Contrast Check

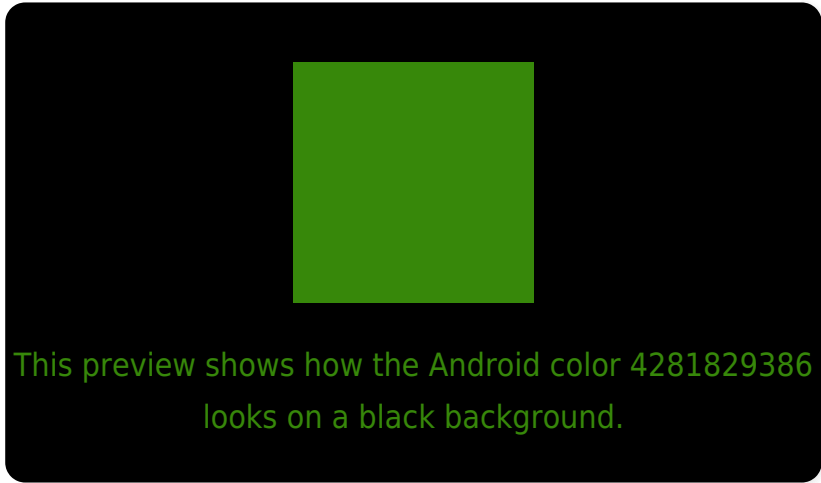
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281829386 Background



This preview shows how black text looks on a background with the Android color 4281829386.



This preview shows how white text looks on a background with the Android color 4281829386.

# 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





# Trichromacy



**Original Color**  
4281829386

**Protanomaly**  
4285103364

**Deuteranomaly**  
4285757719

**Tritanomaly**  
4282745435

# Monochromacy



**Original Color**  
4281829386

**Achromatopsia**  
4284572001

**Achromatomaly**  
4283592513

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281829386 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(55, 136, 10)` looks like.

```
.text, #text, p{  
    color:rgb(55, 136, 10)  
}
```

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(55, 136, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 136, 10) }
```

## Border

The CSS property to change the border of an element to Android 4281829386 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(55, 136, 10) }
```

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

```
.border{ border-color:rgb(55, 136, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 136, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 136, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 136, 10);  
box-shadow:4px 4px 4px 4px rgb(55, 136,  
10) }
```

# Background

The CSS property to change the background color of an element to Android 4281829386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 136, 10) }
```

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

```
.background{ background-color: rgb(55, 136,  
10) }
```

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