

# Converting Colors

Android(4281947468)

Have a look what the booklet for  
Android(4281947468) contains.

<b>Android(4281947468)</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(4281947468)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39554C
RGB	57, 85, 76
RGB Percent	22%, 33%, 30%
CMY	0.7765, 0.6667, 0.7020
CMYK	0.33, 0.00, 0.11, 0.67
HSL	161°, 20%, 28%
HSV	161°, 33%, 33%
XYZ	6.2403, 7.8887, 8.0312
YIQ	75.6020, -13.7990, -8.7350

# Conversions

## Conversions Part 2

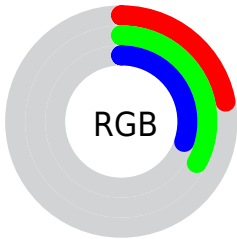
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 74, 85
Decimal	3757388
CIELab	33.75, -12.73, 1.90
CIELCh	34, 12.871, 171.512
Yxy	7.8887, 0.2816, 0.3560
Android (android.graphics.Color)	4281947468 (0xFF39554C)
YUV	75.6020, 0.1962, -16.3140
Hunter-Lab	28.0868, -9.4925, 2.7071

# Details

The Android color **4281947468** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4283775298**, and the grayscale version is **4283190348**.

A 20% lighter version of the original color is **4285106045**, and **4279052320** is the 20% darker color. If you saturate the color by 10%, you get **4281357641**, and if you desaturate by 10%, it is **4282537295**.

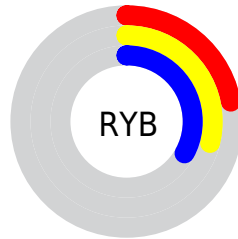
# Distribution



Red (22%)

Green (33%)

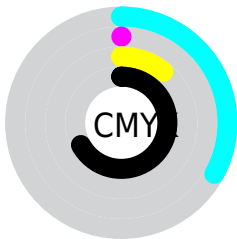
Blue (30%)



Red (22%)

Yellow (29%)

Blue (33%)

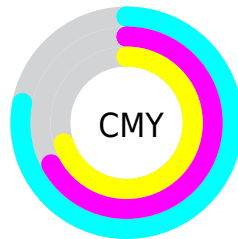


Cyan (33%)

Magenta (0%)

Yellow (11%)

Black (67%)



Cyan (78%)

Magenta (67%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281947468 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 4281947468 by changing the saturation by 10% instead.





4281947468



4281947468

4294967295



4280434229



4285106045



4279052320



4286751127



4278195208



4288527537



4278190080



4290304205



4292146409



4293984255



4281947468



4281947468



4281357641



4282537295

■ 4280833351

■ 4283061585

■ 4280243524

■ 4283585876

■ 4279719233

■ 4284175703

■ 4279194942

■ 4284699994

■ 4278605116

■ 4285289820

■ 4278211898

■ 4285814111

■ 4286403938

■ 4286928229

# Harmonies

## Analogous

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



4282668098



4281947468



4281554262

# Triad

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



4281947468



4283256418



4284566080

# Complementary

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



4281947468



4283775298

# 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.



4284762184



4281947468



4284107356

# Square

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



4281947468



4282339683



4284631123



4284108347

# Rectangle

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



4281947468



4281554012



4284631123



4284697154



# Sweetspot

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



4281947468



4284706410



4282537273



4281415734



4290295992



4281874488



# Same Dimension

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



4281947468



4282543712



4281946197



4280757034



4278217545



4278250399



# Inverse Universe

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



4283775298



4285416016



4283776569



4281018152



4285202466



4293591115



# Previews

## White Background



This preview shows how the Android color 4281947468 looks on a white background.

## Color Contrast Check

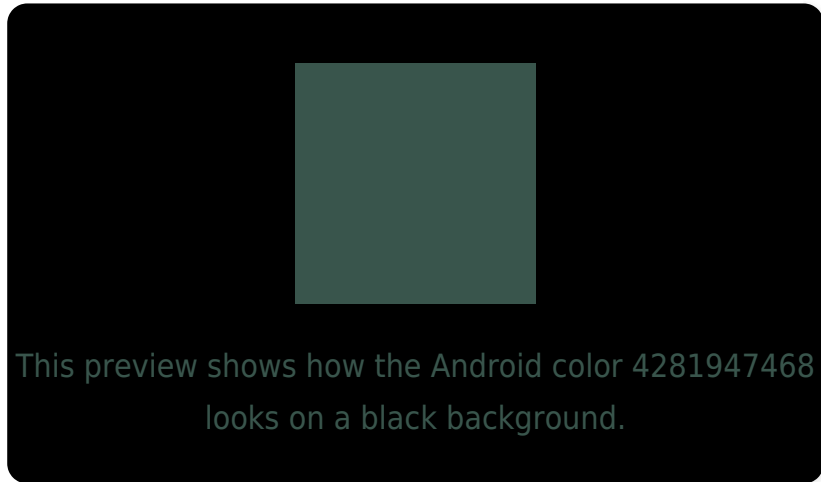
Large Text (above 18pt) WCAG AA ✓ Pass

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

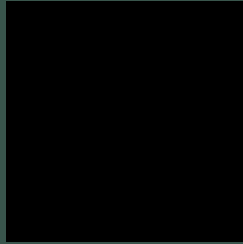
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281947468 Background



This preview shows how black text looks on a background with the Android color 4281947468.



This preview shows how white text looks on a background with the Android color 4281947468.

# 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**

4281947468

**Protanopia**

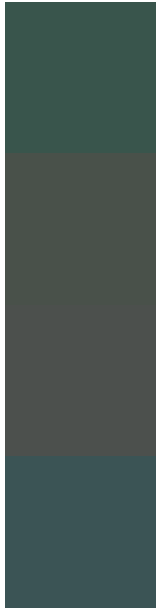
4283584329

**Deuteranopia**

4283911502



# Trichromacy



**Original Color**

4281947468

**Protanomaly**

4282995018

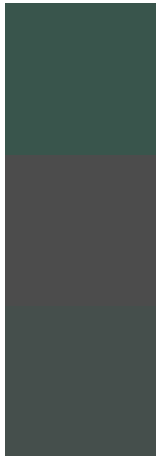
**Deuteranomaly**

4283191373

**Tritanomaly**

4282078293

# Monochromacy



**Original Color**

4281947468

**Achromatopsia**

4283190348

**Achromatomaly**

4282732364

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281947468 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, 85, 76)` looks like.

```
.text, #text, p{  
    color:rgb(57, 85, 76)  
}
```

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, 85, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 85, 76) }
```

## Border

The CSS property to change the border of an element to Android 4281947468 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, 85, 76) }
```

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

```
.border{ border-color:rgb(57, 85, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 85, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 85, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 85, 76);  
box-shadow:4px 4px 4px 4px rgb(57, 85, 76)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281947468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 85, 76) }
```

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

```
.background{ background-color: rgb(57, 85,  
76) }
```

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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