

# Converting Colors

Android(4286940549)

Have a look what the booklet for  
Android(4286940549) contains.

<b>Android(4286940549)</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> .....	13
<b><i>Color Blindness Simulation</i></b> .....	16
<b><i>CSS Examples</i></b> .....	19

# Color

**Android(4286940549)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	858585
RGB	133, 133, 133
RGB Percent	52%, 52%, 52%
CMY	0.4784, 0.4784, 0.4784
CMYK	0.00, 0.00, 0.00, 0.48
HSL	0°, 0%, 52%
HSV	0°, 0%, 52%
XYZ	22.2940, 23.4551, 25.5426

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 133, 133
Decimal	8750469
CIELab	55.54, 0.00, -0.01
CIELCh	56, 0.007, 296.813
Yxy	23.4551, 0.3127, 0.3290
Android (android.graphics.Color)	4286940549 (0xFF858585)
YUV	133.0000, 0.0000, 0.0000

# Details

The Android color `4286940549` is a dark color, and the **websafe** version is hex `999999`. A complement of this color would be `4286940549`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4290427578`, and `4283716692` is the 20% darker color. If you saturate the color by 10%, you get `4286937208`, and if you desaturate by 10%, it is `4286943890`.

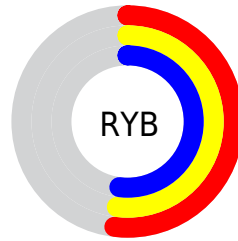
# Distribution



Red (52%)

Green (52%)

Blue (52%)



Red (52%)

Yellow (52%)

Blue (52%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (48%)



Cyan (48%)

Magenta (48%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286940549 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 4286940549 by changing the saturation by 10% instead.



4286940549

4288651167

4290427578

4292269782

4294111986

4294967295

4286940549

4285295724

4283716692

4282137661

4280756007

4279374354

4278190080

4286940549

4286937208

4286933610

4286930269

4286926928

4286923587

4286919989

4286916648

4286913307

4286940549

4286943890

4286947488

4286950829

4286954170

4286957768

4286961109

4286964450

4286967791



# Harmonies

# Sweetspot

The sweet spot groups the original color and five complimentary colors.



4286940549



4289572269



4283914071



4292269782

# Previews

## White Background



This preview shows how the Android color 4286940549 looks on a white background.

## Color Contrast Check

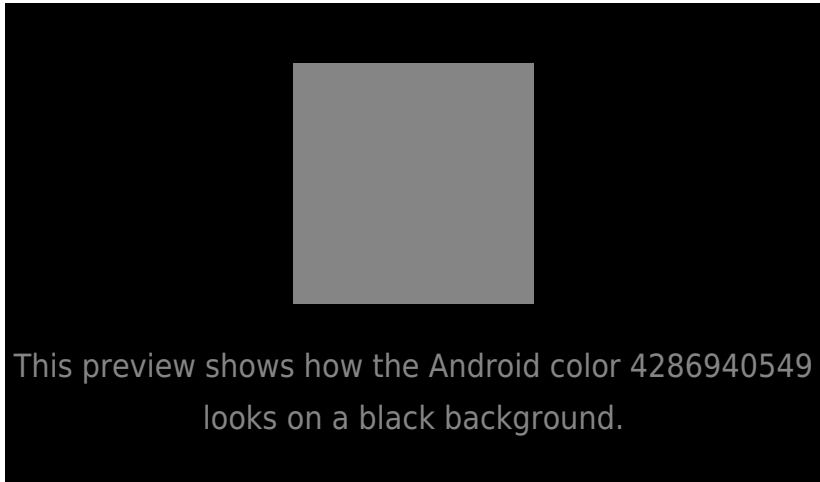
Large Text (above 18pt) WCAG AA ✓ Pass

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

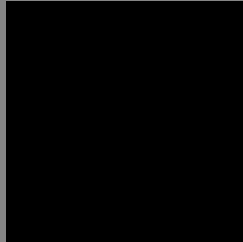
Any Text WCAG AA ✓ Pass

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 4286940549 Background



This preview shows how black text looks on a background with the Android color 4286940549.



This preview shows how white text looks on a background with the Android color 4286940549.

# 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**  
4286940549

**Protanopia**  
4287071365

**Deuteranopia**  
4287725958





# Trichromacy



**Original Color**

4286940549

**Protanomaly**

4287005829

**Deuteranomaly**

4287464070

**Tritanomaly**

4287005835

# Monochromacy



**Original Color**

4286940549

**Achromatopsia**

4286940549

**Achromatomaly**

4286940549

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286940549 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(133, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(133, 133, 133)  
}
```

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(133, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 133, 133) }
```

## Border

The CSS property to change the border of an element to Android 4286940549 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(133, 133, 133) }
```

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

```
.border{ border-color:rgb(133, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(133, 133,  
133) }
```

# Background

The CSS property to change the background color of an element to Android 4286940549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 133, 133) }
```

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

```
.background{ background-color: rgb(133,  
133, 133) }
```

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? Have a look at my other booklet HOWCOLORS.WORK – A CSS color notation guide.



## **HOWCOLORS.WORK**

### **A CSS color notation guide.**

Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

### **HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS.**

You will learn all the current and new ways to express colors to prepare yourself for the future!

**[Buy now, starting at \\$4.99!](#)**

**Follow me  
on Twitter!**

@ConvertingColor