

# Converting Colors

Android(4282004809)

Have a look what the booklet for  
Android(4282004809) contains.

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# Color

**Android(4282004809)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A3549
RGB	58, 53, 73
RGB Percent	23%, 21%, 29%
CMY	0.7725, 0.7922, 0.7137
CMYK	0.21, 0.27, 0.00, 0.71
HSL	255°, 16%, 25%
HSV	255°, 27%, 29%
XYZ	4.2206, 3.9268, 6.8388
YIQ	56.7750, -3.4400, 7.2800

# Conversions

## Conversions Part 2

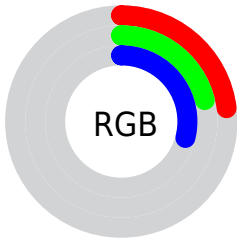
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 53, 73
Decimal	3814729
CIELab	23.43, 7.11, -11.52
CIElCh	23, 13.539, 301.680
Yxy	3.9268, 0.2816, 0.2620
Android (android.graphics.Color)	4282004809 (0xFF3A3549)
YUV	56.7750, 7.9989, 1.0743
Hunter-Lab	19.8161, 3.3404, -6.5905

# Details

The Android color **4282004809** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4282665269**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4285097082**, and **4279240734** is the 20% darker color. If you saturate the color by 10%, you get **4281675337**, and if you desaturate by 10%, it is **4282334281**.

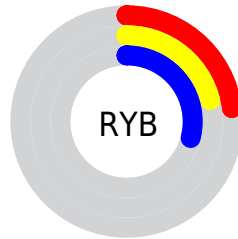
# Distribution



Red (23%)

Green (21%)

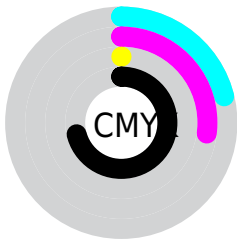
Blue (29%)



Red (23%)

Yellow (21%)

Blue (29%)

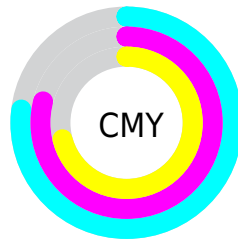


Cyan (21%)

Magenta (27%)

Yellow (0%)

Black (71%)



Cyan (77%)

Magenta (79%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282004809 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 4282004809 by changing the saturation by 10% instead.





4282004809



4282004809

4294967295



4280557618



4285097082



4279240734



4286807187



4278190080



4288517806



4290294217



4292070630



4293978623



4282004809



4282004809



4281675337



4282334281

■ 4281280073

■ 4282729545

■ 4280950601

■ 4283059017

■ 4280555593

■ 4283454025

■ 4280226121

■ 4283783753

■ 4279830857

■ 4284178761

■ 4279501385

■ 4284508233

■ 4279369801

■ 4284903241

■ 4285232969

# Harmonies

## Analogous

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



4281088332



4282004809



4282724930

# Triad

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



4282004809



4282856486



4280106296

# Complementary

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



4282004809



4282665269

# 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.



4280826926



4282004809



4282267428

# Square

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



4282004809



4283183406



4281612838



4279778626

# Rectangle

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



4282004809



4283052347



4281612838



4280302901



# Sweetspot

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



4282004809



4284045150



4281680969



4281150512



4289769648



4281348144



# Same Dimension

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



4282004809



4282859358



4282660169



4280360996



4279828579



4281925859



# Inverse Universe

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



4282987844



4284366679



4282009909



4280557603



4284678219



4293066922



# Previews

## White Background



This preview shows how the Android color 4282004809 looks on a white background.

## Color Contrast Check

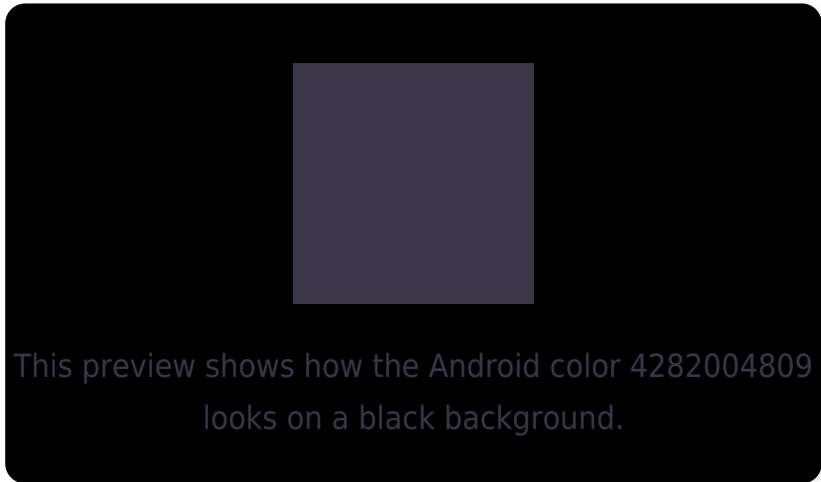
Large Text (above 18pt) WCAG AA ✓ Pass

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

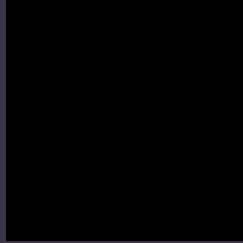
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282004809 Background



This preview shows how black text looks on a background with the Android color 4282004809.

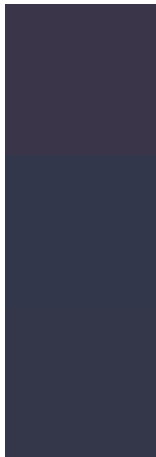


This preview shows how white text looks on a background with the Android color 4282004809.

# 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**  
4282004809

**Protanopia**  
4281481035

**Deuteranopia**  
4281612105



**Tritanopia**  
4281874236

# Trichromacy



**Original Color**

4282004809

**Protanomaly**

4281677386

**Deuteranomaly**

4281742921

**Tritanomaly**

4281939521

# Monochromacy



**Original Color**

4282004809

**Achromatopsia**

4281940281

**Achromatomaly**

4281940031

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282004809 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(58, 53, 73)` looks like.

```
.text, #text, p{  
  color:rgb(58, 53, 73)  
}
```

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(58, 53, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 53, 73) }
```

## Border

The CSS property to change the border of an element to Android 4282004809 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(58, 53, 73) }
```

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

```
.border{ border-color:rgb(58, 53, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 53, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 53, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 53, 73);  
box-shadow:4px 4px 4px 4px rgb(58, 53, 73)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282004809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 53, 73) }
```

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

```
.background{ background-color: rgb(58, 53,  
73) }
```

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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