

# Converting Colors

Android(4280099368)

Have a look what the booklet for  
Android(4280099368) contains.

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# Color

**Android(4280099368)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D2228
RGB	29, 34, 40
RGB Percent	11%, 13%, 16%
CMY	0.8863, 0.8667, 0.8431
CMYK	0.27, 0.15, 0.00, 0.84
HSL	213°, 16%, 14%
HSV	213°, 28%, 16%
XYZ	1.4617, 1.5585, 2.2313
YIQ	33.1890, -4.9060, 0.8060

# Conversions

## Conversions Part 2

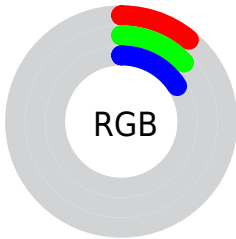
Format	Color
<a href="#">RYB</a>	<a href="#">29, 32, 40</a>
Decimal	<a href="#">1909288</a>
CIELab	<a href="#">12.98, -0.55, -4.77</a>
CIELCh	<a href="#">13, 4.805, 263.404</a>
Yxy	<a href="#">1.5585, 0.2783, 0.2968</a>
Android (android.graphics.Color)	<a href="#">4280099368 (0xFF1D2228)</a>
YUV	<a href="#">33.1890, 3.3578, -3.6738</a>
Hunter-Lab	<a href="#">12.4839, -0.9463, -1.8583</a>

# Details

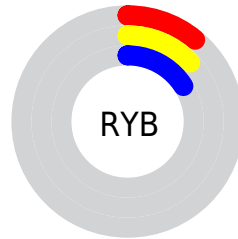
The Android color **4280099368** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4280820509**, and the grayscale version is **4280361249**.

A 20% lighter version of the original color is **4282994261**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4279836712**, and if you desaturate by 10%, it is **4280362024**.

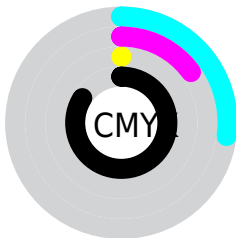
# Distribution



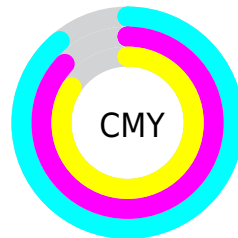
- Red (11%)
- Green (13%)
- Blue (16%)



- Red (11%)
- Yellow (13%)
- Blue (16%)



- Cyan (27%)
- Magenta (15%)
- Yellow (0%)
- Black (84%)



- Cyan (89%)
- Magenta (87%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280099368 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 4280099368 by changing the saturation by 10% instead.





4280099368



4280099368

4294967295



4278455316



4282994261



4278190080



4284573293



4286152583



4287863201



4289639612



4291416023



4293258484



4280099368



4280099368

■ 4279836712	■ 4280362024
■ 4279574056	■ 4280624680
■ 4279311144	■ 4280887592
■ 4279048488	■ 4281150248
■ 4278785832	■ 4281412904
■ 4278523176	■ 4281675560
■ 4278260520	■ 4281938216
■ 4278194728	■ 4282200872
	■ 4282463784

# Harmonies

## Analogous

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



4279903015



4280099368



4280361256

# Triad

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



4280099368



4280885023



4280165149

# Complementary

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



4280099368



4280820509

# 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.



4280361499



4280099368



4280819740

# Square

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



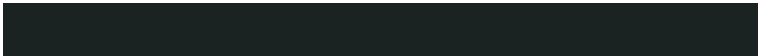
4280099368



4280819490



4280623387



4279903009

# Rectangle

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



4280099368



4280557606



4280623387



4280230685



# Sweetspot

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



4280099368



4281282867



4280100899



4279703578



4288256409



4279900698



# Same Dimension

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



4280099368



4280429107



4280098088



4279374612



4278199892



4278214868



# Inverse Universe

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



4280818978



4281541162



4280821789



4279505427



4283695142

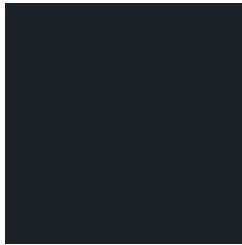


4292083808



# Previews

## White Background



This preview shows how the Android color 4280099368 looks on a white background.

## Color Contrast Check

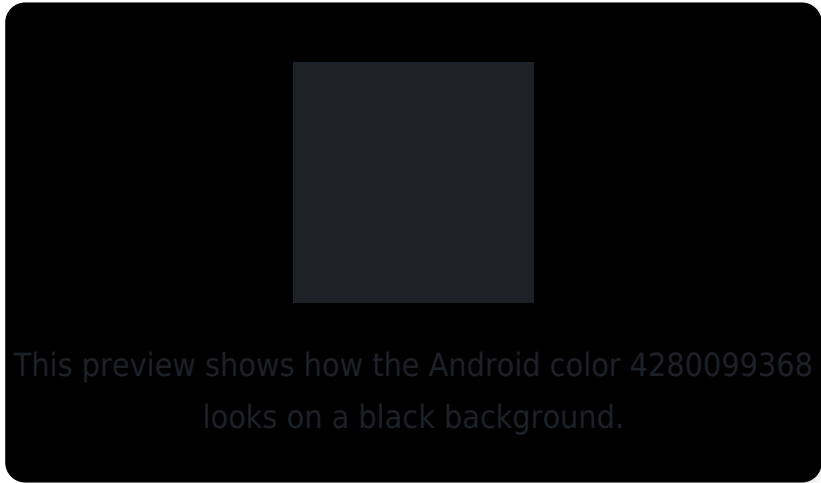
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280099368 Background



This preview shows how black text looks on a background with the Android color 4280099368.

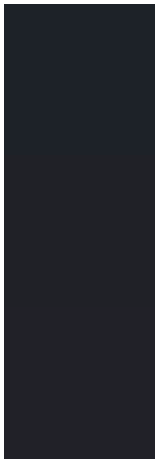


This preview shows how white text looks on a background with the Android color 4280099368.

# 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



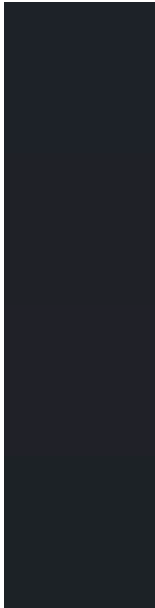
**Original Color**  
4280099368

**Protanopia**  
4280295719

**Deuteranopia**  
4280361256



# Trichromacy



**Original Color**

4280099368

**Protanomaly**

4280230183

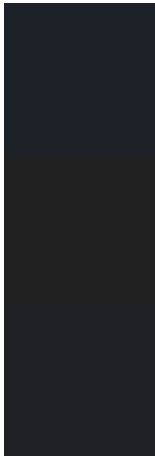
**Deuteranomaly**

4280295720

**Tritanomaly**

4280033830

# Monochromacy



**Original Color**

4280099368

**Achromatopsia**

4280361249

**Achromatomaly**

4280295716

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280099368 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(29, 34, 40)` looks like.

```
.text, #text, p{  
    color:rgb(29, 34, 40)  
}
```

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(29, 34, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 34, 40) }
```

## Border

The CSS property to change the border of an element to Android 4280099368 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(29, 34, 40) }
```

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

```
.border{ border-color:rgb(29, 34, 40) }
```

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

Here you see how a box with a 4 pixel rgb(29, 34, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 34, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 34, 40);  
box-shadow:4px 4px 4px 4px rgb(29, 34, 40)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280099368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 34, 40) }
```

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

```
.background{ background-color: rgb(29, 34,  
40) }
```

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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