

# Converting Colors

Android(4281873829)

Have a look what the booklet for  
Android(4281873829) contains.

|  |    |
|--|----|
| <b>Android(4281873829)</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(4281873829)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 3835A5                     |
| RGB           | 56, 53, 165                |
| RGB Percent   | 22%, 21%, 65%              |
| CMY           | 0.7804, 0.7922, 0.3529     |
| CMYK          | 0.66, 0.68, 0.00, 0.35     |
| HSL           | 242°, 51%, 43%             |
| HSV           | 242°, 68%, 65%             |
| XYZ           | 9.6955, 6.1036, 36.2644    |
| YIQ           | 66.6650, -34.1640, 35.4680 |

# Conversions

## Conversions Part 2

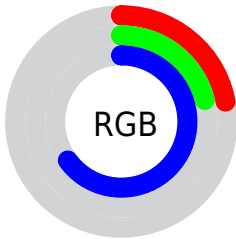
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 56, 53, 165                   |
| Decimal                             | 3683749                       |
| CIE <sub>Lab</sub>                  | 29.67, 36.76, -59.89          |
| CIE <sub>LCh</sub>                  | 30, 70.270, 301.541           |
| Yxy                                 | 6.1036, 0.1862,<br>0.1172     |
| Android<br>(android.graphics.Color) | 4281873829<br>(0xFF3835A5)    |
| YUV                                 | 66.6650, 48.4792,<br>-9.3532  |
| Hunter-Lab                          | 24.7054, 26.8170,<br>-69.7364 |

# Details

The Android color **4281873829** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4288849205**, and the grayscale version is **4282532418**.

A 20% lighter version of the original color is **4285818077**, and **4278192752** is the 20% darker color. If you saturate the color by 10%, you get **4280820901**, and if you desaturate by 10%, it is **4282926757**.

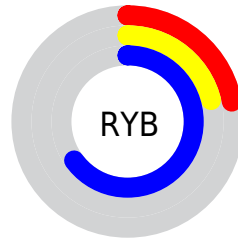
# Distribution



Red (22%)

Green (21%)

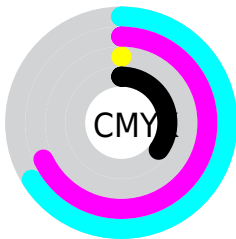
Blue (65%)



Red (22%)

Yellow (21%)

Blue (65%)

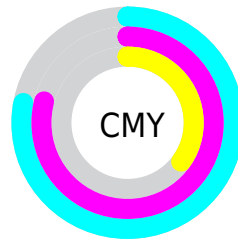


Cyan (66%)

Magenta (68%)

Yellow (0%)

Black (35%)



Cyan (78%)

Magenta (79%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281873829 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 4281873829 by changing the saturation by 10% instead.





4281873829



4281873829

4294967295



4279115658



4285818077



4278192752



4287725306



4278190167



4289632511



4278191678



4291539967



4278190887



4293512959



4278190353



4294962175



4278190080



4281873829



4281873829



4280820901



4282926757

■ 4279768229

■ 4283979429

■ 4278715557

■ 4285032357

■ 4278452389

■ 4286085029

■ 4287137957

■ 4288190629

■ 4289243557

■ 4290296229

■ 4291414437

# Harmonies

## Analogous

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



4278210230



4281873829



4286972027

# Triad

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



4281873829



4286458624



4278213191

# Complementary

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



4281873829



4288849205

# 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.



4278212614



4281873829



4283712768

# Square

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



4281873829



4288217104



4279587328



4278213502

# Rectangle

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



4281873829



4288282712



4279587328



4278213172



# Sweetspot

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



4281873829



4289571798



4281705381



4283584875



4293651435



4285229931



# Same Dimension

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



4281873829



4281149910



4285478309



4283058514



4278452369



4278190098



# Inverse Universe

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



4289017250



4292225490



4285244725



4283582801



4287692941

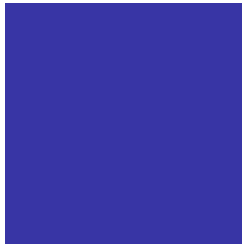


4279369745



# Previews

## White Background



This preview shows how the Android color 4281873829 looks on a white background.

## Color Contrast Check

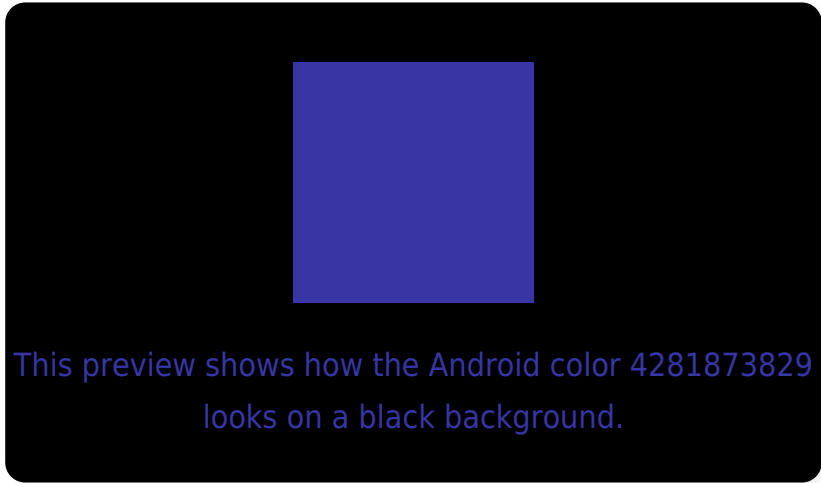
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281873829 Background



This preview shows how black text looks on a background with the Android color 4281873829.



This preview shows how white text looks on a background with the Android color 4281873829.

# 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**  
4281873829

**Protanopia**  
4278207374

**Deuteranopia**  
4278208634



# Trichromacy



**Original Color**  
4281873829

**Protanomaly**  
4279516822

**Deuteranomaly**  
4279517578

**Tritanomaly**  
4279518577

# Monochromacy



**Original Color**  
4281873829

**Achromatopsia**  
4282598211

**Achromatomaly**  
4282334823

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281873829 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(56, 53, 165)` looks like.

```
.text, #text, p{  
    color:rgb(56, 53, 165)  
}
```

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(56, 53, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 53, 165) }
```

## Border

The CSS property to change the border of an element to Android 4281873829 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(56, 53, 165) }
```

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

```
.border{ border-color:rgb(56, 53, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 53, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 53, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 53, 165);  
box-shadow:4px 4px 4px 4px rgb(56, 53,  
165) }
```

# Background

The CSS property to change the background color of an element to Android 4281873829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 53, 165) }
```

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

```
.background{ background-color: rgb(56, 53,  
165) }
```

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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