

# Converting Colors

Android(4281996409)

Have a look what the booklet for  
Android(4281996409) contains.

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# Color

**Android(4281996409)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A1479
RGB	58, 20, 121
RGB Percent	23%, 8%, 47%
CMY	0.7725, 0.9216, 0.5255
CMYK	0.52, 0.83, 0.00, 0.53
HSL	263°, 72%, 28%
HSV	263°, 83%, 47%
XYZ	5.4463, 2.7803, 18.3388
YIQ	42.8760, -9.7730, 39.4670

# Conversions

## Conversions Part 2

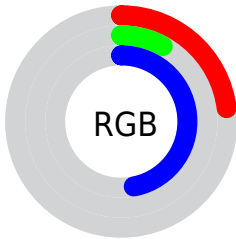
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 20, 121
Decimal	3806329
CIE <sub>Lab</sub>	19.14, 41.29, -49.86
CIE <sub>LCh</sub>	19, 64.738, 309.628
Yxy	2.7803, 0.2050, 0.1047
Android (android.graphics.Color)	4281996409 (0xFF3A1479)
YUV	42.8760, 38.5151, 13.2637
Hunter-Lab	16.6743, 29.1227, -53.5364

# Details

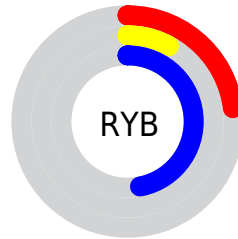
The Android color **4281996409** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4283660564**, and the grayscale version is **4281019179**.

A 20% lighter version of the original color is **4285547950**, and **4278190151** is the 20% darker color. If you saturate the color by 10%, you get **4281469049**, and if you desaturate by 10%, it is **4282523769**.

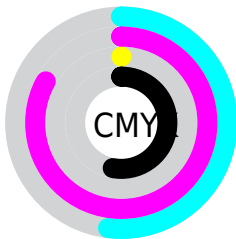
# Distribution



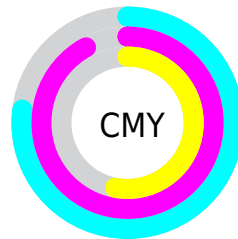
- Red (23%)
- Green (8%)
- Blue (47%)



- Red (23%)
- Yellow (8%)
- Blue (47%)



- Cyan (52%)
- Magenta (83%)
- Yellow (0%)
- Black (53%)



- Cyan (77%)
- Magenta (92%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281996409 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 4281996409 by changing the saturation by 10% instead.





4281996409



4281996409

4294967295



4280090720



4285547950



4278190151



4287389130



4278191152



4289230823



4278190362



4291072511



4278190080



4292979967



4294953215



4294960383



4281996409



4281996409

■ 4281469049

■ 4282523769

■ 4281204857

■ 4282985593

■ 4283512953

■ 4283974777

■ 4284502137

■ 4284964217

■ 4285491577

■ 4285953401

■ 4286480761

# Harmonies

## Analogous

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



4278203023



4281996409



4285333584

# Triad

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



4281996409



4283637248



4278206269

# Complementary

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



4281996409



4283660564

# 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.



4278205704



4281996409



4281152000

# Square

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



4281996409



4285464576



4278204928



4278206315

# Rectangle

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



4281996409



4286119985



4278204928



4278206253



# Sweetspot

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



4281996409



4286936990



4279522425



4282398543



4291809231



4283387727



# Same Dimension

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



4281996409



4282056862



4285273209



4281939773



4281270397



4284416252



# Inverse Universe

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



4286125139



4288544867



4280383764



4282201915



4286382158

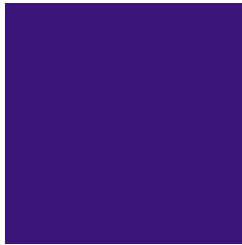


4294705309



# Previews

## White Background



This preview shows how the Android color 4281996409 looks on a white background.

## Color Contrast Check

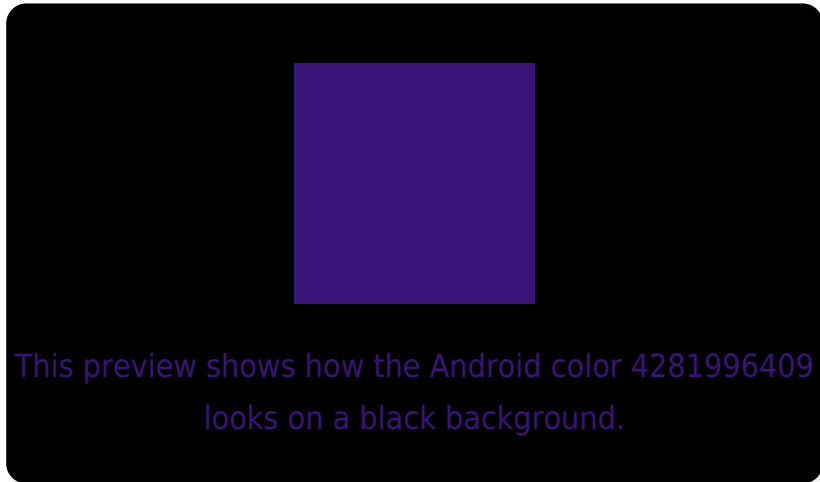
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281996409 Background



This preview shows how black text looks on a background with the Android color 4281996409.



This preview shows how white text looks on a background with the Android color 4281996409.

# 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**

4281996409

**Protanopia**

4278201953

**Deuteranopia**

4278202707



**Tritanopia**  
4280627766

# Trichromacy



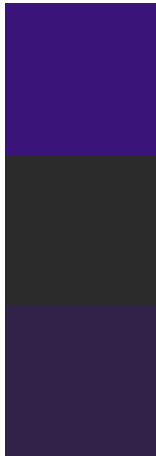
**Original Color**  
4281996409

**Protanomaly**  
4279575914

**Deuteranomaly**  
4279576161

**Tritanomaly**  
4281149262

# Monochromacy



**Original Color**  
4281996409

**Achromatopsia**  
4281019179

**Achromatomaly**  
4281344839

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281996409 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, 20, 121)` looks like.

```
.text, #text, p{  
    color:rgb(58, 20, 121)  
}
```

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, 20, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 20, 121) }
```

## Border

The CSS property to change the border of an element to Android 4281996409 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, 20, 121) }
```

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

```
.border{ border-color:rgb(58, 20, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 20, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 20, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 20, 121);  
box-shadow:4px 4px 4px 4px rgb(58, 20,  
121) }
```

# Background

The CSS property to change the background color of an element to Android 4281996409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 20, 121) }
```

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

```
.background{ background-color: rgb(58, 20,  
121) }
```

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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