

# Converting Colors

Android(4282404802)

Have a look what the booklet for  
Android(4282404802) contains.

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# Color

**Android(4282404802)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	404FC2
RGB	64, 79, 194
RGB Percent	25%, 31%, 76%
CMY	0.7490, 0.6902, 0.2392
CMYK	0.67, 0.59, 0.00, 0.24
HSL	233°, 52%, 51%
HSV	233°, 67%, 76%
XYZ	14.6479, 10.5770, 52.3085
YIQ	87.6250, -45.8550, 32.5850

# Conversions

## Conversions Part 2

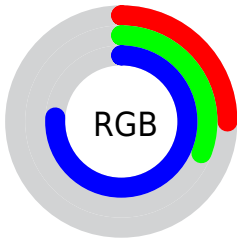
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	64, 77, 194
Decimal	4214722
CIE <sub>Lab</sub>	38.86, 31.61, -62.06
CIE <sub>LCh</sub>	39, 69.643, 296.994
Y <sub>xy</sub>	10.5770, 0.1889, 0.1364
Android (android.graphics.Color)	4282404802 (0xFF404FC2)
Y <sub>UV</sub>	87.6250, 52.4429, -20.7191
Hunter-Lab	32.5223, 23.4818, -72.5957

# Details

The Android color `4282404802` is a dark color, and the websafe version is hex `333399`. The color can be described as dark muted blue. A complement of this color would be `4290949952`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4286480635`, and `4278199179` is the 20% darker color. If you saturate the color by 10%, you get `4281155266`, and if you desaturate by 10%, it is `4283654338`.

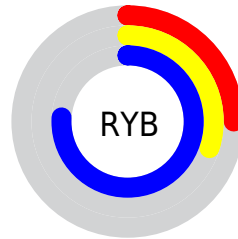
# Distribution



Red (25%)

Green (31%)

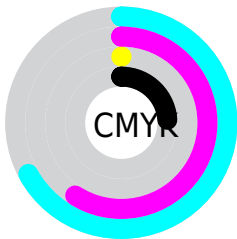
Blue (76%)



Red (25%)

Yellow (30%)

Blue (76%)

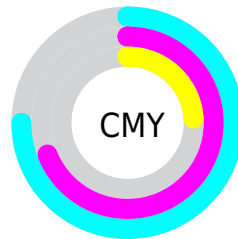


Cyan (67%)

Magenta (59%)

Yellow (0%)

Black (24%)



Cyan (75%)

Magenta (69%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282404802 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 4282404802 by changing the saturation by 10% instead.



 4282404802

 4282404802

4294967295

 4279646374

 4286480635

 4278199179

 4288453375

 4278194289

 4290360831

 4278190168

 4292333823

 4278191935

 4294307327

 4278190888

 4278190354

 4278190080

 4282404802

 4282404802

■ 4281155266

■ 4283654338

■ 4279840194

■ 4284969410

■ 4278590658

■ 4286218946

■ 4278195906

■ 4287534274

■ 4288783810

■ 4290033346

■ 4291348418

■ 4292597954

■ 4293913026

# Harmonies

## Analogous

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



4278216142



4282404802



4288096922

# Triad

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



4282404802



4288560384



4278219348

# Complementary

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



4282404802



4290949952

# 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.



4278218516



4282404802



4285880064

# Square

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



4282404802



4290186284



4282279680



4278219662

# Rectangle

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



4282404802



4289790071



4282279680



4278219072



# Sweetspot

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



4282404802



4291481852



4282434227



4284572800



4278190080



4286611584



# Same Dimension

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



4282404802



4281486076



4285677762



4283914337



4278195105



4278191137



# Inverse Universe

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



4290920527



4294718026



4287676992



4284569432



4288741395

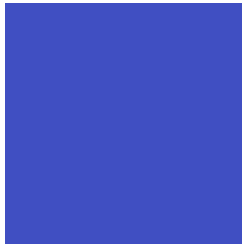


4280352772



# Previews

## White Background



This preview shows how the Android color 4282404802 looks on a white background.

## Color Contrast Check

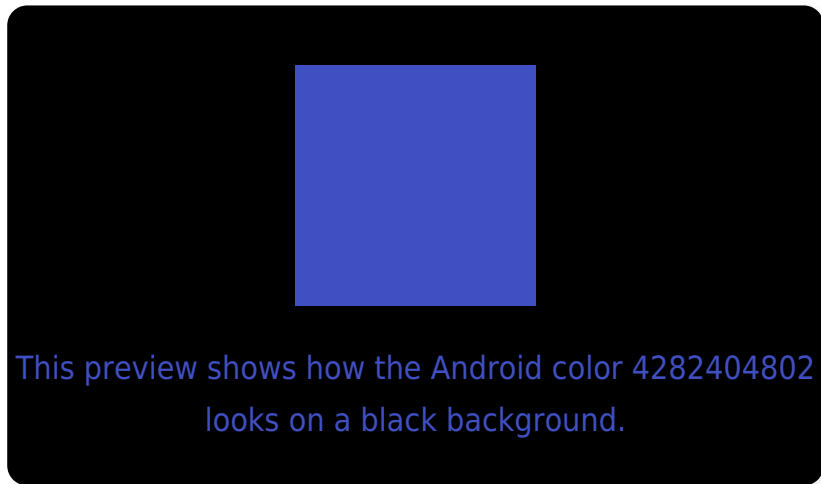
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4282404802 Background



This preview shows how black text looks on a background with the Android color 4282404802.

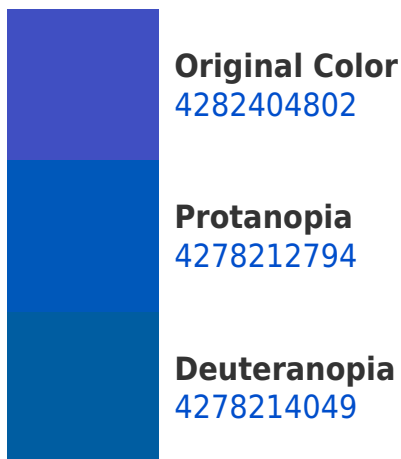


This preview shows how white text looks on a background with the Android color 4282404802.

# 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





# Trichromacy



**Original Color**  
4282404802

**Protanomaly**  
4279719357

**Deuteranomaly**  
4279720109

**Tritanomaly**  
4279721356

# Monochromacy



**Original Color**  
4282404802

**Achromatopsia**  
4283979864

**Achromatomaly**  
4283389311

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282404802 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(64, 79, 194)` looks like.

```
.text, #text, p{  
    color:rgb(64, 79, 194)  
}
```

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(64, 79, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 79, 194) }
```

## Border

The CSS property to change the border of an element to Android 4282404802 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(64, 79, 194) }
```

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

```
.border{ border-color:rgb(64, 79, 194) }
```

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

Here you see how a box with a 4 pixel rgb(64, 79, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 79, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 79, 194);  
box-shadow:4px 4px 4px 4px rgb(64, 79,  
194) }
```

# Background

The CSS property to change the background color of an element to Android 4282404802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 79, 194) }
```

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

```
.background{ background-color: rgb(64, 79,  
194) }
```

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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