

# Converting Colors

Android(4281094851)

Have a look what the booklet for  
Android(4281094851) contains.

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# Color

**Android(4281094851)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2C52C3
RGB	44, 82, 195
RGB Percent	17%, 32%, 76%
CMY	0.8275, 0.6784, 0.2353
CMYK	0.77, 0.58, 0.00, 0.24
HSL	225°, 63%, 47%
HSV	225°, 77%, 76%
XYZ	13.9063, 10.5102, 52.9255
YIQ	83.5200, -58.9210, 27.0870

# Conversions

## Conversions Part 2

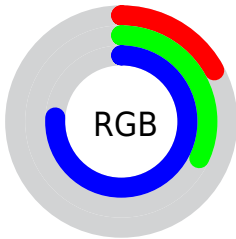
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 74, 195
Decimal	2904771
CIE <sub>Lab</sub>	38.74, 27.51, -62.87
CIE <sub>LCh</sub>	39, 68.623, 293.631
Yxy	10.5102, 0.1798, 0.1359
Android (android.graphics.Color)	4281094851 (0xFF2C52C3)
YUV	83.5200, 54.9596, -34.6590
Hunter-Lab	32.4194, 19.8337, -74.0987




# Details

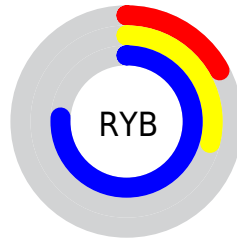
The Android color `4281094851` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted blue. A complement of this color would be `4291009836`, and the grayscale version is `4283650899`.




A 20% lighter version of the original color is `4285629436`, and `4278199948` is the 20% darker color. If you saturate the color by 10%, you get `4279780291`, and if you desaturate by 10%, it is `4282409411`.

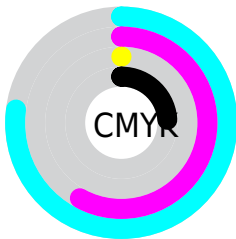
# Distribution







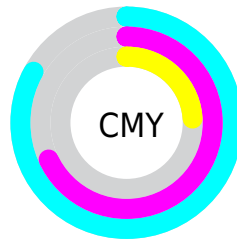
-  Red (17%)
-  Green (32%)
-  Blue (76%)






-  Red (17%)
-  Yellow (29%)
-  Blue (76%)



-  Cyan (77%)
-  Magenta (58%)
-  Yellow (0%)
-  Black (24%)



-  Cyan (83%)
-  Magenta (68%)
-  Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281094851 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 4281094851 by changing the saturation by 10% instead.



■ 4281094851

■ 4281094851

4294967295

■ 4278205351

■ 4285629436

■ 4278199948

■ 4287602175

■ 4278195314

■ 4289575167

■ 4278190169

■ 4291548159

■ 4278191936

■ 4293521407

■ 4278190889

■ 4278190355

■ 4278190080

■ 4281094851

■ 4281094851

■ 4279780291

■ 4282409411

■ 4278531523

■ 4283658179

■ 4278202819

■ 4284972739

■ 4286221507

■ 4287536067

■ 4288785091

■ 4290099395

■ 4291348419

■ 4292597187

# Harmonies

## Analogous

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



4278216396



4281094851



4287639710

# Triad

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



4281094851



4288755968



4278219085

# Complementary

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



4281094851



4291009836

# 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.



4278218251



4281094851



4286207232

# Square

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



4281094851



4290185011



4282737920



4278219399

# Rectangle

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



4281094851



4289530492



4282737920



4278218809



# Sweetspot

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



4281094851



4290957820



4281123739



4284245376



4278190080



4286611584



# Same Dimension

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



4281094851



4279389692



4283378883



4283914849



4278200481



4278192161



# Inverse Universe

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



4290980946



4294709837



4288725804



4284569434



4288741416



4280352776



# Previews

## White Background



This preview shows how the Android color 4281094851 looks on a white background.

## Color Contrast Check

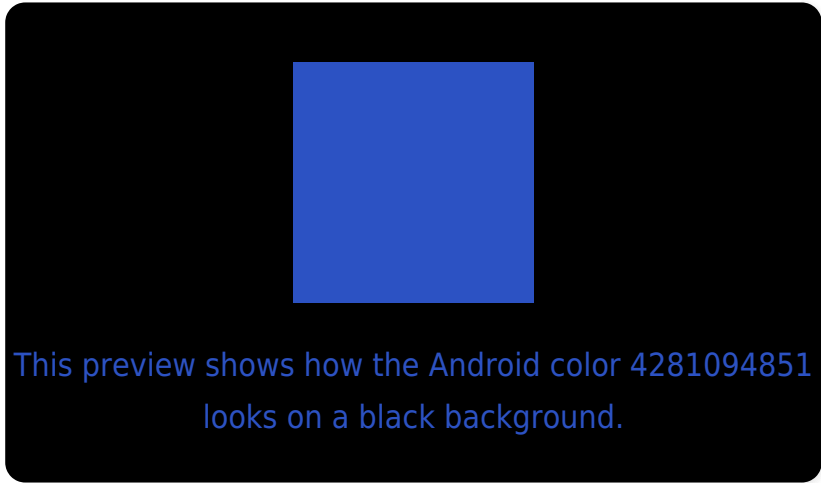
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281094851 Background



This preview shows how black text looks on a background with the Android color 4281094851.

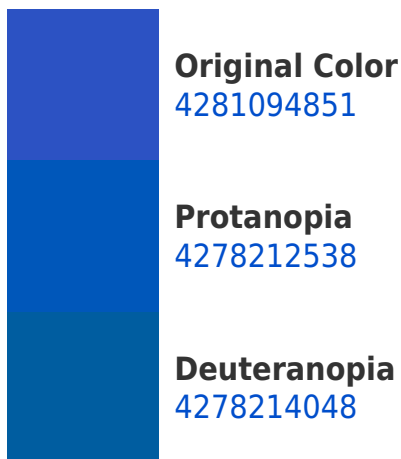


This preview shows how white text looks on a background with the Android color 4281094851.

# 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**  
4281094851

**Protanomaly**  
4279260605

**Deuteranomaly**  
4279261613

**Tritanomaly**  
4279262859

# Monochromacy



**Original Color**  
4281094851

**Achromatopsia**  
4283716692

**Achromatomaly**  
4282733436

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281094851 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(44, 82, 195)` looks like.

```
.text, #text, p{  
    color:rgb(44, 82, 195)  
}
```

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(44, 82, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 82, 195) }
```

## Border

The CSS property to change the border of an element to Android 4281094851 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(44, 82, 195) }
```

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

```
.border{ border-color:rgb(44, 82, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 82, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 82, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 82, 195);  
box-shadow:4px 4px 4px 4px rgb(44, 82,  
195) }
```

# Background

The CSS property to change the background color of an element to Android 4281094851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 82, 195) }
```

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

```
.background{ background-color: rgb(44, 82,  
195) }
```

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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