

# Converting Colors

Android(4282933734)

Have a look what the booklet for  
Android(4282933734) contains.

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# Color

**Android(4282933734)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4861E6
RGB	72, 97, 230
RGB Percent	28%, 38%, 90%
CMY	0.7176, 0.6196, 0.0980
CMYK	0.69, 0.58, 0.00, 0.10
HSL	231°, 76%, 59%
HSV	231°, 69%, 90%
XYZ	21.2301, 15.6403, 76.7628
YIQ	104.6870, -57.5930, 36.0630

# Conversions

## Conversions Part 2

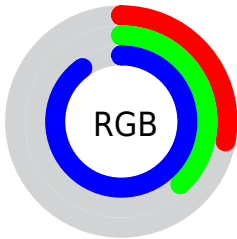
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">72, 94, 230</a>
Decimal	<a href="#">4743654</a>
CIELab	<a href="#">46.50, 33.98, -70.25</a>
CIElCh	<a href="#">46, 78.033, 295.814</a>
Yxy	<a href="#">15.6403, 0.1868, 0.1376</a>
Android (android.graphics.Color)	<a href="#">4282933734 (0xFF4861E6)</a>
YUV	<a href="#">104.6870, 61.7793, -28.6665</a>
Hunter-Lab	<a href="#">39.5478, 26.6140, -87.3993</a>

# Details

The Android color `4282933734` is a dark color, and the websafe version is hex `3366FF`. The color can be described as middle muted azure. A complement of this color would be `4293315912`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4287271935`, and `4278203309` is the 20% darker color. If you saturate the color by 10%, you get `4281421542`, and if you desaturate by 10%, it is `4284445926`.

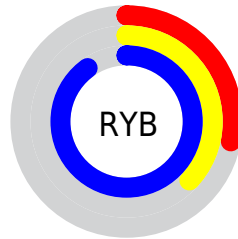
# Distribution



Red (28%)

Green (38%)

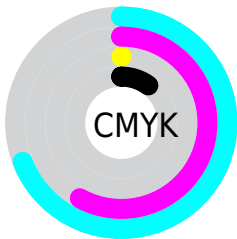
Blue (90%)



Red (28%)

Yellow (37%)

Blue (90%)

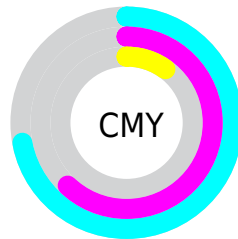


Cyan (69%)

Magenta (58%)

Yellow (0%)

Black (10%)



Cyan (72%)

Magenta (62%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282933734 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 4282933734 by changing the saturation by 10% instead.



 4282933734

 4282933734

4294967295

 4279847369

 4287271935

 4278203309

 4289244927

 4278198162

 4291283455

 4278193783

 4293322239

 4278190174

 4278192197

 4278191150

 4278190360

 4278190080

■ 4282933734

■ 4282933734

■ 4281421542

■ 4284445926

■ 4279909094

■ 4285958374

■ 4278396902

■ 4287470566

■ 4278199526

■ 4288982758

■ 4290495206

■ 4292007398

■ 4293519846

■ 4294966502

■ 4294967270

# Harmonies

## Analogous

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



4278221555



4282933734



4289804217

# Triad

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



4282933734



4290595072



4278224995

# Complementary

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



4282933734



4293315912

# 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.



4278223896



4282933734



4287523072

# Square

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



4282933734



4292482106



4283398912



4278225318

# Rectangle

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



4282933734



4291823504



4283398912



4278224716



# Sweetspot

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



4282933734



4291416831



4282967756



4284507520



4278190080



4286611584



# Same Dimension

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



4282933734



4281225215



4286400742



4284967283



4278197427



4278192179



# Inverse Universe

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



4293281889



4294913615



4289848904



4285753193



4289921052



4281532424



# Previews

## White Background



This preview shows how the Android color 4282933734 looks on a white background.

## Color Contrast Check

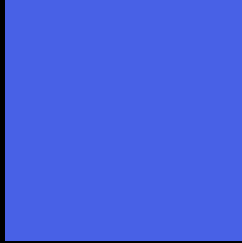
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4282933734 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

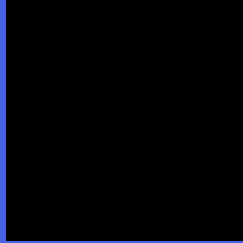
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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



# Android 4282933734 Background



This preview shows how black text looks on a background with the Android color 4282933734.

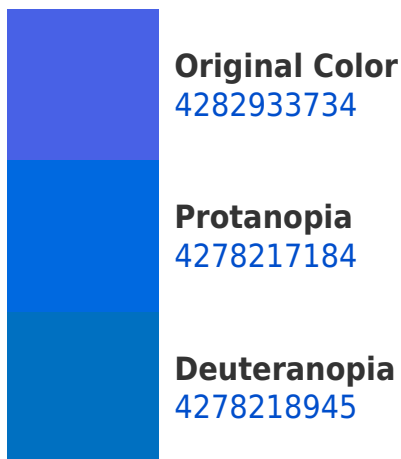


This preview shows how white text looks on a background with the Android color 4282933734.

# 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**  
4282933734

**Protanomaly**  
4279920354

**Deuteranomaly**  
4279921614

**Tritanomaly**  
4279923111

# Monochromacy



**Original Color**  
4282933734

**Achromatopsia**  
4285098345

**Achromatomaly**  
4284311190

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282933734 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(72, 97, 230)` looks like.

```
.text, #text, p{  
    color:rgb(72, 97, 230)  
}
```

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(72, 97, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 97, 230) }
```

## Border

The CSS property to change the border of an element to Android 4282933734 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(72, 97, 230) }
```

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

```
.border{ border-color:rgb(72, 97, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 97, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 97, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 97, 230);  
box-shadow:4px 4px 4px 4px rgb(72, 97,  
230) }
```

# Background

The CSS property to change the background color of an element to Android 4282933734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 97, 230) }
```

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

```
.background{ background-color: rgb(72, 97,  
230) }
```

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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