

# Converting Colors

Android(4282867158)

Have a look what the booklet for  
Android(4282867158) contains.

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# Color

**Android(4282867158)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	475DD6
RGB	71, 93, 214
RGB Percent	28%, 36%, 84%
CMY	0.7216, 0.6353, 0.1608
CMYK	0.67, 0.57, 0.00, 0.16
HSL	231°, 64%, 56%
HSV	231°, 67%, 84%
XYZ	18.6505, 14.0233, 65.3421
YIQ	100.2160, -51.9530, 32.9670

# Conversions

## Conversions Part 2

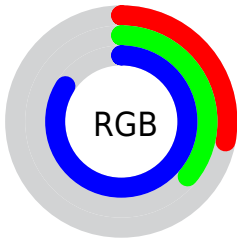
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 90, 214
Decimal	4677078
CIELab	44.27, 30.78, -64.79
CIElCh	44, 71.730, 295.412
Yxy	14.0233, 0.1903, 0.1431
Android (android.graphics.Color)	4282867158 (0xFF475DD6)
YUV	100.2160, 56.0955, -25.6224
Hunter-Lab	37.4477, 23.3666, -77.2410

# Details

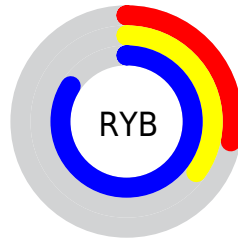
The Android color `4282867158` is a dark color, and the websafe version is hex `6666CC`. The color can be described as dark muted blue. A complement of this color would be `4292264007`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4287008767`, and `4278202526` is the 20% darker color. If you saturate the color by 10%, you get `4281486294`, and if you desaturate by 10%, it is `4284248022`.

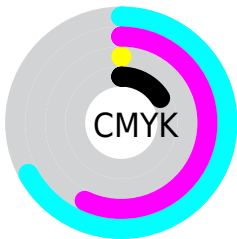
# Distribution



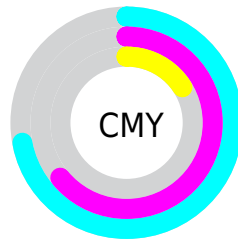
- Red (28%)
- Green (36%)
- Blue (84%)



- Red (28%)
- Yellow (35%)
- Blue (84%)



- Cyan (67%)
- Magenta (57%)
- Yellow (0%)
- Black (16%)



- Cyan (72%)
- Magenta (64%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282867158 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 4282867158 by changing the saturation by 10% instead.



 4282867158

 4282867158

4294967295

 4280108730

 4287008767

 4278202526

 4288981503

 4278197379

 4290954751

 4278192233

 4292993535

 4278191696

 4294966783

 4278191416

 4278190626

 4278190088

 4278190080

■ 4282867158

■ 4282867158

■ 4281486294

■ 4284248022

■ 4280039894

■ 4285694422

■ 4278659030

■ 4287075286

■ 4278198742

■ 4288521686

■ 4289902806

■ 4291283670

■ 4292730070

■ 4294110934

■ 4294967254

# Harmonies

## Analogous

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



4278219745



4282867158



4289018285

# Triad

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



4282867158



4289873664



4278223197

# Complementary

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



4282867158



4292264007

# 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.



4278222107



4282867158



4287062784

# Square

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



4282867158



4291501882



4283331584



4278223515

# Rectangle

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



4282867158



4290910856



4283331584



4278222920



# Sweetspot

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



4282867158



4291613951



4282898110



4284573312



4278190080



4286611584



# Same Dimension

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



4282867158



4281553663



4286007254



4284506731



4278196907



4278191915



# Inverse Universe

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



4292233053



4294914898



4289123911



4285227106



4289396762

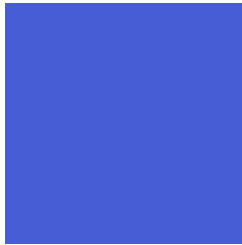


4281008135



# Previews

## White Background



This preview shows how the Android color 4282867158 looks on a white background.

## Color Contrast Check

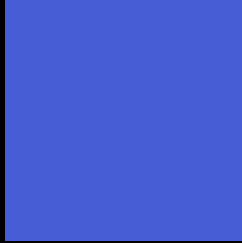
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282867158 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 4282867158 Background



This preview shows how black text looks on a background with the Android color 4282867158.



This preview shows how white text looks on a background with the Android color 4282867158.

# 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**

4282867158

**Protanopia**

4278215893

**Deuteranopia**

4278217656



# Trichromacy



**Original Color**  
4282867158

**Protanomaly**  
4279919061

**Deuteranomaly**  
4279920323

**Tritanomaly**  
4279921821

# Monochromacy



**Original Color**  
4282867158

**Achromatopsia**  
4284769380

**Achromatomaly**  
4284047757

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282867158 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(71, 93, 214)` looks like.

```
.text, #text, p{  
    color:rgb(71, 93, 214)  
}
```

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(71, 93, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 93, 214) }
```

## Border

The CSS property to change the border of an element to Android 4282867158 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(71, 93, 214) }
```

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

```
.border{ border-color:rgb(71, 93, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 93, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 93, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 93, 214);  
box-shadow:4px 4px 4px 4px rgb(71, 93,  
214) }
```

# Background

The CSS property to change the background color of an element to Android 4282867158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 93, 214) }
```

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

```
.background{ background-color: rgb(71, 93,  
214) }
```

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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