

# Converting Colors

Android(4284445149)

Have a look what the booklet for  
Android(4284445149) contains.

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# Color

**Android(4284445149)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F71DD
RGB	95, 113, 221
RGB Percent	37%, 44%, 87%
CMY	0.6275, 0.5569, 0.1333
CMYK	0.57, 0.49, 0.00, 0.13
HSL	231°, 65%, 62%
HSV	231°, 57%, 87%
XYZ	23.6756, 19.4636, 70.9156
YIQ	119.9300, -45.3960, 29.7720

# Conversions

## Conversions Part 2

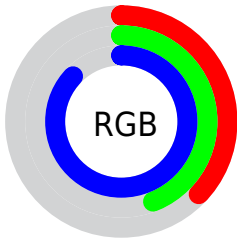
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 111, 221
Decimal	6255069
CIE Lab	51.23, 24.84, -57.46
CIE LCh	51, 62.595, 293.376
Yxy	19.4636, 0.2076, 0.1707
Android (android.graphics.Color)	4284445149 (0xFF5F71DD)
YUV	119.9300, 49.8275, -21.8636
Hunter-Lab	44.1176, 18.5858, -64.4218

# Details

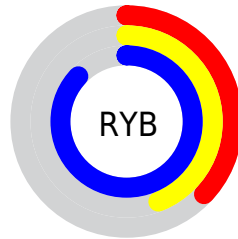
The Android color `4284445149` is a dark color, and the websafe version is hex `6666CC`. The color can be described as middle muted azure. A complement of this color would be `4292725599`, and the grayscale version is `4286019447`.

A 20% lighter version of the original color is `4288325119`, and `4279648933` is the 20% darker color. If you saturate the color by 10%, you get `4282998493`, and if you desaturate by 10%, it is `4285891805`.

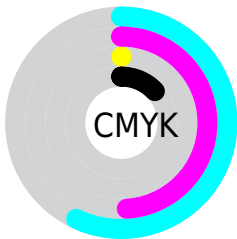
# Distribution



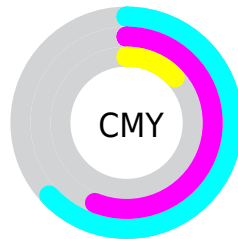
- Red (37%)
- Green (44%)
- Blue (87%)



- Red (37%)
- Yellow (44%)
- Blue (87%)



- Cyan (57%)
- Magenta (49%)
- Yellow (0%)
- Black (13%)


















- Cyan (63%)
- Magenta (56%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284445149 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 4284445149 by changing the saturation by 10% instead.



 4284445149	 4284445149
4294967295	 4282341825
 4288325119	 4279648933
 4290298111	 4278201482
 4292205567	 4278196592
 4294179071	 4278190167
	 4278191679
	 4278190888
	 4278190353
	 4278190080

■ 4284445149

■ 4284445149

■ 4282998493

■ 4285891805

■ 4281551837

■ 4287338461

■ 4280105181

■ 4288785117

■ 4278658525

■ 4290231773

■ 4278198493

■ 4291743965

■ 4293190621

■ 4294637277

■ 4294967261

# Harmonies

## Analogous

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



4278224101



4284445149



4289615803

# Triad

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



4284445149



4290993442



4278227564

# Complementary

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



4284445149



4292725599

# 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.



4279471413



4284445149



4288508672

# Square

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



4284445149



4292298323



4285170688



4278227619

# Rectangle

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



4284445149



4291446682



4285170688



4278227289



# Sweetspot

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



4284445149



4292139775



4284472778



4284902016



4278190080



4286611584



# Same Dimension

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



4284445149



4283591423



4287324125



4284703854



4278196653



4278191918



# Inverse Universe

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



4292697969



4294922858



4289846623



4285424484



4289527833

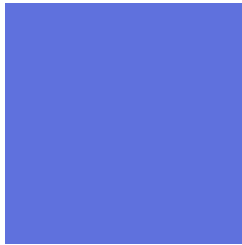


4281204743



# Previews

## White Background



This preview shows how the Android color 4284445149 looks on a white background.

## Color Contrast Check

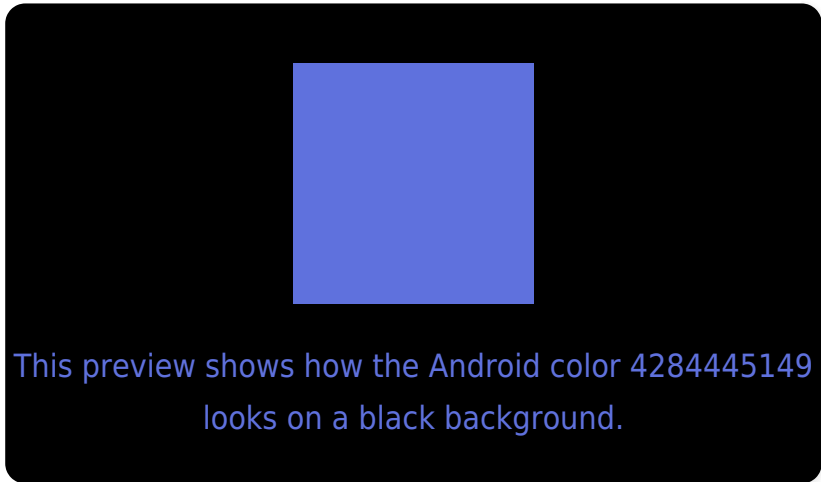
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

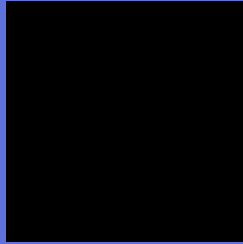
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4284445149 Background



This preview shows how black text looks on a background with the Android color 4284445149.



This preview shows how white text looks on a background with the Android color 4284445149.

# 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**  
4284445149

**Protanomaly**  
4283200736

**Deuteranomaly**  
4281301211

**Tritanomaly**  
4283137451

# Monochromacy



**Original Color**  
4284445149

**Achromatopsia**  
4286085240

**Achromatomaly**  
4285494685

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284445149 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(95, 113, 221)` looks like.

```
.text, #text, p{  
    color:rgb(95, 113, 221)  
}
```

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(95, 113, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 113, 221) }
```

## Border

The CSS property to change the border of an element to Android 4284445149 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(95, 113, 221) }
```

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

```
.border{ border-color:rgb(95, 113, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 113, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 113, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 113, 221);  
box-shadow:4px 4px 4px 4px rgb(95, 113,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4284445149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 113, 221) }
```

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

```
.background{ background-color: rgb(95, 113,  
221) }
```

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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