

# Converting Colors

Android(4286610670)

Have a look what the booklet for  
Android(4286610670) contains.

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# **Color**

**Android(4286610670)**

# Conversions

## Conversions Part 1

Format	Color
Hex	807CEE
RGB	128, 124, 238
RGB Percent	50%, 49%, 93%
CMY	0.4980, 0.5137, 0.0667
CMYK	0.46, 0.48, 0.00, 0.07
HSL	242°, 77%, 71%
HSV	242°, 48%, 93%
XYZ	31.5424, 25.1775, 84.0862
YIQ	138.1920, -34.2100, 36.3020

# Conversions

## Conversions Part 2

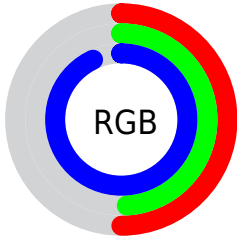
Format	Color
R <sub>Y</sub> B	128, 124, 238
Decimal	8420590
CIE Lab	57.25, 30.45, -57.20
CIE LCh	57, 64.800, 298.023
Yxy	25.1775, 0.2240, 0.1788
Android (android.graphics.Color)	4286610670 (0xFF807CEE)
YUV	138.1920, 49.2053, -8.9384
Hunter-Lab	50.1772, 24.3983, -64.2332

# Details

The Android color `4286610670` is a light color, and the websafe version is hex `6666CC`. A complement of this color would be `4293586556`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4290425343`, and `4282731445` is the 20% darker color. If you saturate the color by 10%, you get `4285097198`, and if you desaturate by 10%, it is `4288124142`.

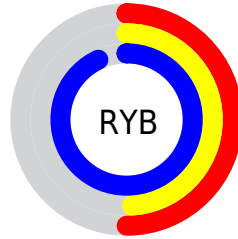
# Distribution



Red (50%)

Green (49%)

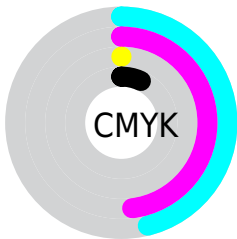
Blue (93%)



Red (50%)

Yellow (49%)

Blue (93%)

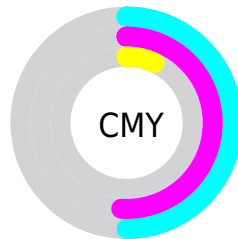


Cyan (46%)

Magenta (48%)

Yellow (0%)

Black (7%)



Cyan (50%)

Magenta (51%)















Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286610670 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 4286610670 by changing the saturation by 10% instead.



 4286610670	 4286610670
4294967295	 4284703697
 4290425343	 4282731445
 4292332799	 4280432026
 4294306047	 4278198143
	 4278193254
	 4278190157
	 4278191413
	 4278190623
	 4278190082

■ 4286610670

■ 4286610670

■ 4285097198

■ 4288124142

■ 4283583726

■ 4289637614

■ 4282070510

■ 4291150830

■ 4280557038

■ 4292664302

■ 4279043566

■ 4294177774

■ 4278714606

■ 4294967278

# Harmonies

## Analogous

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



4278227451



4286610670



4291387846

# Triad

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



4286610670



4291981094



4278231940

# Complementary

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



4286610670



4293586556

# 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.



4278230858



4286610670



4289234432

# Square

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



4286610670



4293613400



4285568530



4278231997

# Rectangle

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



4286610670



4293088163



4285568530



4278231664



# Sweetspot

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



4286610670



4292729855



4286376686



4285229696



4278190080



4286611584



# Same Dimension

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



4286610670



4285755135



4290346222



4285295736



4278583480



4278321208



# Inverse Universe

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



4293819626



4294930170



4289851004



4286082167



4290248881

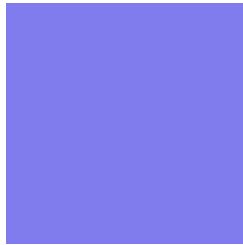


4281860150



# Previews

## White Background



This preview shows how the Android color 4286610670 looks on a white background.

## Color Contrast Check

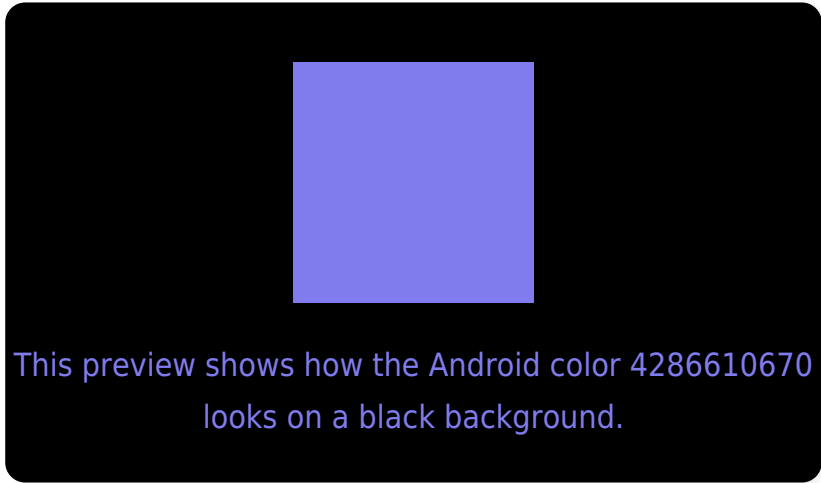
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286610670 Background



This preview shows how black text looks on a background with the Android color 4286610670.



This preview shows how white text looks on a background with the Android color 4286610670.

# 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**  
4286610670

**Protanomaly**  
4284711668

**Deuteranomaly**  
4283926252

**Tritanomaly**  
4285630649

# Monochromacy



**Original Color**  
4286610670

**Achromatopsia**  
4287269514

**Achromatomaly**  
4287006126

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286610670 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(128, 124, 238)` looks like.

```
.text, #text, p{  
    color:rgb(128, 124, 238)  
}
```

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(128, 124, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 124, 238) }
```

## Border

The CSS property to change the border of an element to Android 4286610670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

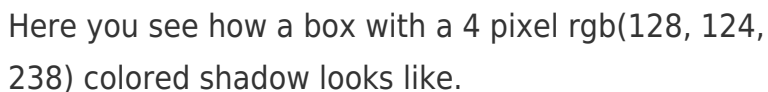
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 124, 238) }
```

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

```
.border{ border-color:rgb(128, 124, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(128, 124, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 124, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 124, 238);  
box-shadow:4px 4px 4px 4px rgb(128, 124,  
238) }
```

# Background

The CSS property to change the background color of an element to Android 4286610670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 124, 238) }
```

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

```
.background{ background-color: rgb(128,  
124, 238) }
```

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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