

# Converting Colors

Android(4286811849)

Have a look what the booklet for  
Android(4286811849) contains.

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# **Color**

**Android(4286811849)**

# Conversions

## Conversions Part 1

Format	Color
Hex	838EC9
RGB	131, 142, 201
RGB Percent	51%, 56%, 79%
CMY	0.4863, 0.4431, 0.2118
CMYK	0.35, 0.29, 0.00, 0.21
HSL	231°, 39%, 65%
HSV	231°, 35%, 79%
XYZ	29.5757, 28.3883, 59.1790
YIQ	145.4370, -25.4950, 16.0170

# Conversions

## Conversions Part 2

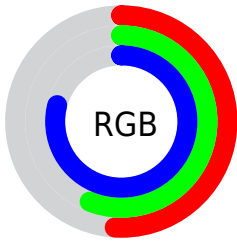
Format	Color
<a href="#">RYB</a>	<a href="#">131, 141, 201</a>
Decimal	<a href="#">8621769</a>
CIELab	<a href="#">60.24, 10.21, -31.77</a>
CIElCh	<a href="#">60, 33.372, 287.811</a>
Yxy	<a href="#">28.3883, 0.2525, 0.2423</a>
Android (android.graphics.Color)	<a href="#">4286811849 (0xFF838EC9)</a>
YUV	<a href="#">145.4370, 27.3926, -12.6612</a>
Hunter-Lab	<a href="#">53.2807, 5.8426, -28.5571</a>

# Details

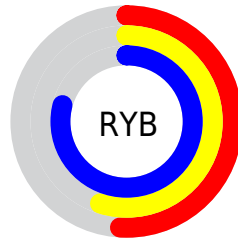
The Android color `4286811849` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4291411587`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4290430207`, and `4283391123` is the 20% darker color. If you saturate the color by 10%, you get `4285496777`, and if you desaturate by 10%, it is `4288126921`.

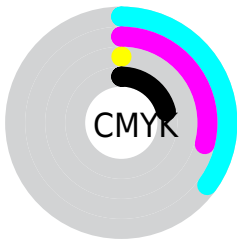
# Distribution



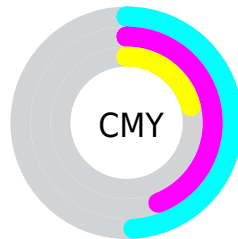
- Red (51%)
- Green (56%)
- Blue (79%)



- Red (51%)
- Yellow (55%)
- Blue (79%)



- Cyan (35%)
- Magenta (29%)
- Yellow (0%)
- Black (21%)



- Cyan (49%)
- Magenta (44%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286811849 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 4286811849 by changing the saturation by 10% instead.



 4286811849

 4286811849

4294967295

 4285101485

 4290430207

 4283391123

 4292272127

 4281681273

 4294180095

 4279840608

 4278196808

 4278190129

 4278190363

 4278190080

 4286811849

 4286811849

■ 4285496777

■ 4288126921

■ 4284181705

■ 4289441993

■ 4282866633

■ 4290757065

■ 4281551561

■ 4292072137

■ 4280236489

■ 4293452745

■ 4278855881

■ 4294767817

■ 4278198473

■ 4294967241

# Harmonies

## Analogous

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



4283537610



4286811849



4289364921

# Triad

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



4286811849



4291002727



4283211908

# Complementary

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



4286811849



4291411587

# 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.



4285701225



4286811849



4289694552

# Square

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



4286811849



4291525505



4287862104



4280394146

# Rectangle

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



4286811849



4290543272



4287862104



4284063610



# Sweetspot

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



4286811849



4293323519



4286826941



4285559680



4278190080



4286611584



# Same Dimension

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



4286811849



4287931903



4288316361



4284111715



4278196899



4278191652



# Inverse Universe

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



4291396494



4294939813



4289907075



4284701275



4288872474

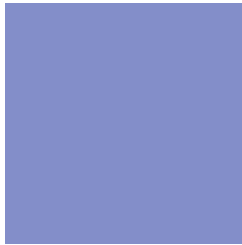


4280549382



# Previews

## White Background



This preview shows how the Android color 4286811849 looks on a white background.

## Color Contrast Check

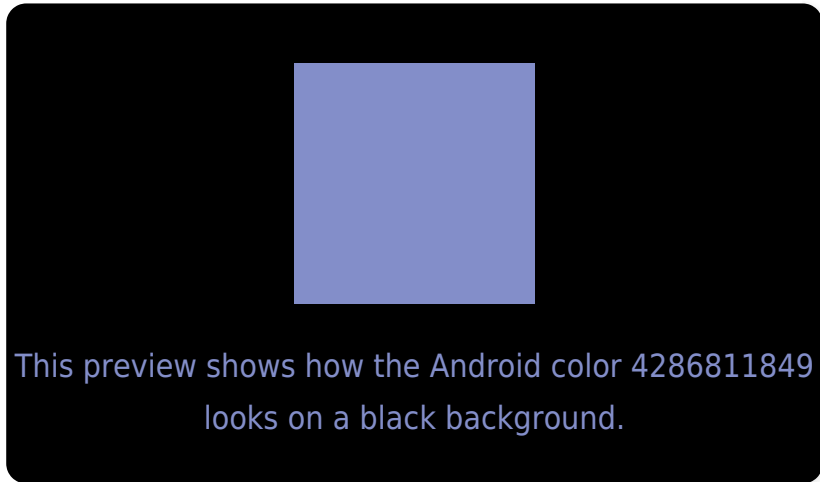
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286811849 Background



This preview shows how black text looks on a background with the Android color 4286811849.



This preview shows how white text looks on a background with the Android color 4286811849.

# 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**  
4286811849

**Protanopia**  
4286549962

**Deuteranopia**  
4286549961



# Trichromacy



**Original Color**  
4286811849

**Protanomaly**  
4286615498

**Deuteranomaly**  
4286615497

**Tritanomaly**  
4286419888

# Monochromacy



**Original Color**  
4286811849

**Achromatopsia**  
4287730065

**Achromatomaly**  
4287402149

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286811849 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(131, 142, 201)` looks like.

```
.text, #text, p{  
    color:rgb(131, 142, 201)  
}
```

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(131, 142, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 142, 201) }
```

## Border

The CSS property to change the border of an element to Android 4286811849 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(131, 142, 201) }
```

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

```
.border{ border-color:rgb(131, 142, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 142, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 142, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 142, 201);  
box-shadow:4px 4px 4px 4px rgb(131, 142,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4286811849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 142, 201) }
```

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

```
.background{ background-color: rgb(131,  
142, 201) }
```

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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