

# Converting Colors

Android(4286878199)

Have a look what the booklet for  
Android(4286878199) contains.

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# **Color**

**Android(4286878199)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8491F7
RGB	132, 145, 247
RGB Percent	52%, 57%, 97%
CMY	0.4824, 0.4314, 0.0314
CMYK	0.47, 0.41, 0.00, 0.03
HSL	233°, 88%, 74%
HSV	233°, 47%, 97%
XYZ	36.4296, 31.8717, 92.2275
YIQ	152.7410, -40.4900, 28.9660

# Conversions

## Conversions Part 2

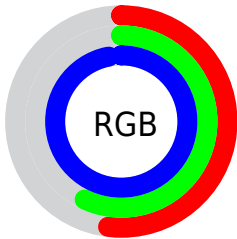
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 144, 247</a>
Decimal	<a href="#">8688119</a>
CIELab	<a href="#">63.24, 21.66, -52.62</a>
CIELCh	<a href="#">63, 56.901, 292.374</a>
Yxy	<a href="#">31.8717, 0.2269, 0.1985</a>
Android (android.graphics.Color)	<a href="#">4286878199 (0xFF8491F7)</a>
YUV	<a href="#">152.7410, 46.4697, -18.1899</a>
Hunter-Lab	<a href="#">56.4551, 16.3871, -57.3403</a>

# Details

The Android color `4286878199` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `4294437508`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4290693119`, and `4282998718` is the 20% darker color. If you saturate the color by 10%, you get `4285234167`, and if you desaturate by 10%, it is `4288522231`.

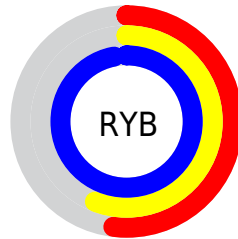
# Distribution



Red (52%)

Green (57%)

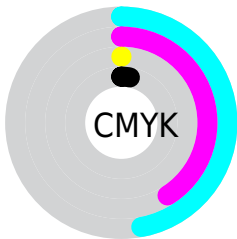
Blue (97%)



Red (52%)

Yellow (56%)

Blue (97%)

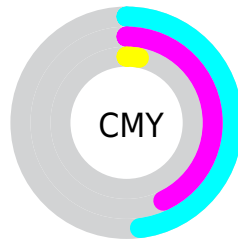


Cyan (47%)

Magenta (41%)

Yellow (0%)

Black (3%)



Cyan (48%)

Magenta (43%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286878199 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 4286878199 by changing the saturation by 10% instead.



 4286878199

 4286878199

4294967295

 4284970970

 4290693119

 4282998718

 4292600831

 4280829859

 4294574079

 4278202760

 4278197614

 4278191701

 4278191677

 4278190886

 4278190351

■ 4286878199

■ 4286878199

■ 4285234167

■ 4288522231

■ 4283655671

■ 4290100727

■ 4282011639

■ 4291744759

■ 4280367607

■ 4293388791

■ 4278789111

■ 4294967287

■ 4278197495

# Harmonies

## Analogous

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



4278232061



4286878199



4291460312

# Triad

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



4286878199



4293099082



4278235530

# Complementary

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



4286878199



4294437508

# 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.



4283477080



4286878199



4290744878

# Square

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



4286878199



4294274677



4287603252



4278235838

# Rectangle

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



4286878199



4293292217



4287603252



4278235257



# Sweetspot

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



4286878199



4292599807



4286904298



4285164672



4278190080



4286611584



# Same Dimension

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



4286878199



4285563135



4289758455



4285427834



4278195642



4278191931



# Inverse Universe

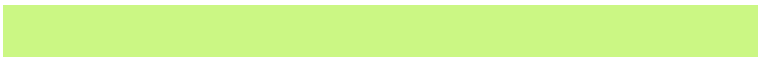
The Inverse Universe completely reimagines the original color for something new.



4294411409



4294930560



4291557252



4286213744



4290379797

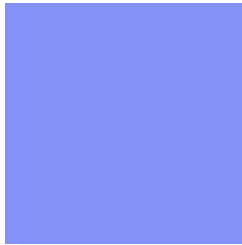


4282056711



# Previews

## White Background



This preview shows how the Android color 4286878199 looks on a white background.

## Color Contrast Check

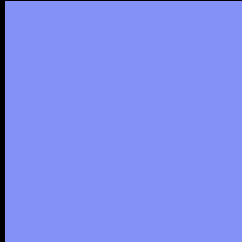
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4286878199 looks on a 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 ✓ Pass

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



# Android 4286878199 Background



This preview shows how black text looks on a background with the Android color 4286878199.



This preview shows how white text looks on a background with the Android color 4286878199.

# 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**  
4286878199

**Protanomaly**  
4286027002

**Deuteranomaly**  
4285503222

**Tritanomaly**  
4286028745

# Monochromacy



**Original Color**  
4286878199

**Achromatopsia**  
4288256409

**Achromatomaly**  
4287731387

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286878199 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(132, 145, 247)` looks like.

```
.text, #text, p{  
    color:rgb(132, 145, 247)  
}
```

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(132, 145, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 145, 247) }
```

## Border

The CSS property to change the border of an element to Android 4286878199 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(132, 145, 247) }
```

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

```
.border{ border-color:rgb(132, 145, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 145, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 145, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 145, 247);  
box-shadow:4px 4px 4px 4px rgb(132, 145,  
247) }
```

# Background

The CSS property to change the background color of an element to Android 4286878199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 145, 247) }
```

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

```
.background{ background-color: rgb(132,  
145, 247) }
```

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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