

# Converting Colors

Android(4287007231)

Have a look what the booklet for  
Android(4287007231) contains.

<b>Android(4287007231)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4287007231)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8689FF
RGB	134, 137, 255
RGB Percent	53%, 54%, 100%
CMY	0.4745, 0.4627, 0.0000
CMYK	0.47, 0.46, 0.00, 0.00
HSL	239°, 100%, 76%
HSV	239°, 47%, 100%
XYZ	36.8272, 30.1797, 98.4920
YIQ	149.5550, -39.6660, 36.0620

# Conversions

## Conversions Part 2

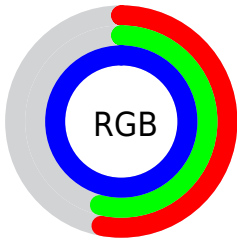
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 137, 255</a>
Decimal	<a href="#">8817151</a>
CIELab	<a href="#">61.81, 29.13, -59.27</a>
CIELCh	<a href="#">62, 66.042, 296.173</a>
Yxy	<a href="#">30.1797, 0.2225, 0.1824</a>
Android (android.graphics.Color)	<a href="#">4287007231 (0xFF8689FF)</a>
YUV	<a href="#">149.5550, 51.9844, -13.6417</a>
Hunter-Lab	<a href="#">54.9360, 23.5221, -67.8428</a>

# Details

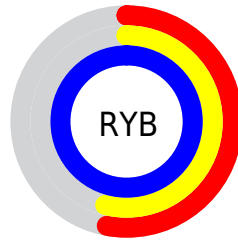
The Android color `4287007231` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `4294966406`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4290887423`, and `4283062213` is the 20% darker color. If you saturate the color by 10%, you get `4285362431`, and if you desaturate by 10%, it is `4288717567`.

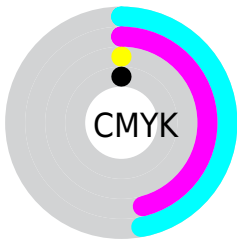
# Distribution



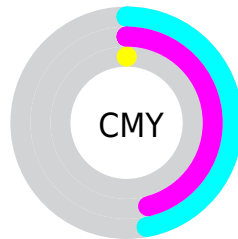
- Red (53%)
- Green (54%)
- Blue (100%)



- Red (53%)
- Yellow (54%)
- Blue (100%)



- Cyan (47%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (46%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287007231 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 4287007231 by changing the saturation by 10% instead.



 4287007231

 4287007231

4294967295

 4285100258

 4290887423

 4283062213

 4292795135

 4280762538

 4294834175

 4278200975

 4278196084

 4278190171

 4278191939

 4278190891

 4278190358

■ 4287007231

■ 4287007231

■ 4285362431

■ 4288717567

■ 4283652095

■ 4290362367

■ 4282007295

■ 4292072703

■ 4280297215

■ 4293717247

■ 4278652415

4294967295

■ 4278191871

# Harmonies

## Analogous

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



4278230783



4287007231



4292112087

# Triad

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



4287007231



4293163058



4278235276

# Complementary

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



4287007231



4294966406

# 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.



4280593232



4287007231



4290285571

# Square

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



4287007231



4294730085



4286619931



4278235335

# Rectangle

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



4287007231



4294008755



4286619931



4278234999



# Sweetspot

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



4287007231



4292599039



4287037435



4285164160



4278190080



4286611584



# Same Dimension

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



4287007231



4285428223



4290676479



4285756288



4278191551



4278190656



# Inverse Universe

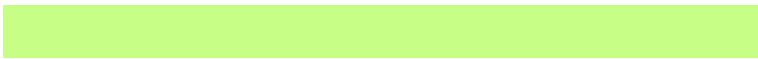
The Inverse Universe completely reimagines the original color for something new.



4294936201



4294930033



4291297158



4286608243



4290707461



4282384386



# Previews

## White Background



This preview shows how the Android color 4287007231 looks on a white background.

## Color Contrast Check

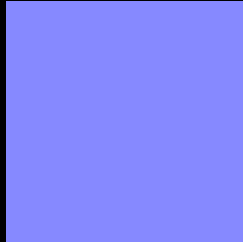
Large Text (above 18pt) WCAG AA × Fail

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 4287007231 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 4287007231 Background



This preview shows how black text looks on a background with the Android color 4287007231.



This preview shows how white text looks on a background with the Android color 4287007231.

# 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**  
4287007231

**Protanopia**  
4284846591

**Deuteranopia**  
4283209468



# Trichromacy



**Original Color**  
4287007231

**Protanomaly**  
4285632255

**Deuteranomaly**  
4284584445

**Tritanomaly**  
4285961928

# Monochromacy



**Original Color**  
4287007231

**Achromatopsia**  
4288059030

**Achromatomaly**  
4287664572

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287007231 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(134, 137, 255)` looks like.

```
.text, #text, p{  
    color:rgb(134, 137, 255)  
}
```

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(134, 137, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 137, 255) }
```

## Border

The CSS property to change the border of an element to Android 4287007231 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(134, 137, 255) }
```

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

```
.border{ border-color:rgb(134, 137, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 137, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 137, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 137, 255);  
box-shadow:4px 4px 4px 4px rgb(134, 137,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4287007231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 137, 255) }
```

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

```
.background{ background-color: rgb(134,  
137, 255) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor