

# Converting Colors

Android(4287993835)

Have a look what the booklet for  
Android(4287993835) contains.

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# **Color**

**Android(4287993835)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9597EB
RGB	149, 151, 235
RGB Percent	58%, 59%, 92%
CMY	0.4157, 0.4078, 0.0784
CMYK	0.37, 0.36, 0.00, 0.08
HSL	239°, 68%, 75%
HSV	239°, 37%, 92%
XYZ	38.4564, 34.5209, 83.2336
YIQ	159.9780, -28.1560, 25.7000

# Conversions

## Conversions Part 2

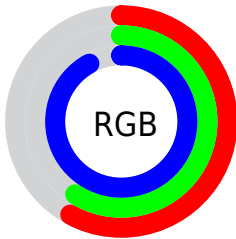
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">149, 151, 235</a>
Decimal	<a href="#">9803755</a>
CIELab	<a href="#">65.37, 19.06, -42.57</a>
CIELCh	<a href="#">65, 46.643, 294.121</a>
Yxy	<a href="#">34.5209, 0.2462, 0.2210</a>
Android (android.graphics.Color)	<a href="#">4287993835 (0xFF9597EB)</a>
YUV	<a href="#">159.9780, 36.9858, -9.6277</a>
Hunter-Lab	<a href="#">58.7545, 14.0127, -42.8640</a>

# Details

The Android color `4287993835` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `4293650837`, and the grayscale version is `4288716960`.

A 20% lighter version of the original color is `4291743231`, and `4284376243` is the 20% darker color. If you saturate the color by 10%, you get `4286480619`, and if you desaturate by 10%, it is `4289507051`.

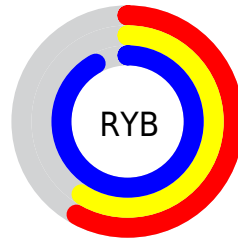
# Distribution



Red (58%)

Green (59%)

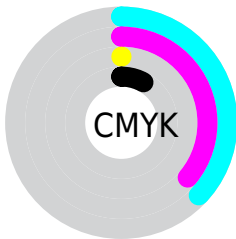
Blue (92%)



Red (58%)

Yellow (59%)

Blue (92%)

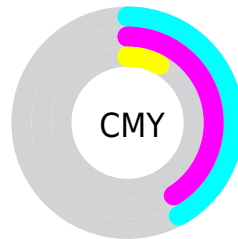


Cyan (37%)

Magenta (36%)

Yellow (0%)

Black (8%)



Cyan (42%)

Magenta (41%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287993835 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 4287993835 by changing the saturation by 10% instead.



 4287993835

 4287993835

4294967295

 4286152143

 4291743231

 4284376243

 4293650943

 4282600600

 4280694397

 4278198628

 4278193484

 4278191156

 4278190622

 4278190080

■ 4287993835

■ 4287993835

■ 4286480619

■ 4289507051

■ 4284901867

■ 4291085803

■ 4283388651

■ 4292664555

■ 4281809899

■ 4294177771

■ 4280296683

■ 4294967275

■ 4278717931

■ 4278191595

# Harmonies

## Analogous

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



4282296049



4287993835



4291528656

# Triad

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



4287993835



4292774492



4278236309

# Complementary

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



4287993835



4293650837

# 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.



4284788588



4287993835



4290746954

# Square

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



4287993835



4293754495



4288063312



4278236352

# Rectangle

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



4287993835



4292968375



4288063312



4281643910



# Sweetspot

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



4287993835



4293125375



4288015336



4285493120



4278190080



4286611584



# Same Dimension

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



4287993835



4287599103



4290614763



4285164149



4278191285



4278190390



# Inverse Universe

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



4293629335



4294938513



4291029909



4285885034



4290052100

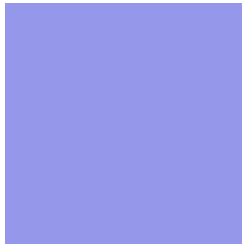


4281729025



# Previews

## White Background



This preview shows how the Android color 4287993835 looks on a white background.

## Color Contrast Check

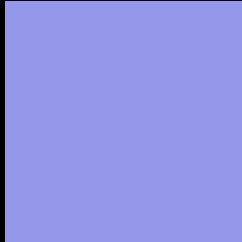
Large Text (above 18pt) WCAG AA × Fail

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 4287993835 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 4287993835 Background



This preview shows how black text looks on a background with the Android color 4287993835.



This preview shows how white text looks on a background with the Android color 4287993835.

# 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**  
4287993835

**Protanomaly**  
4287208174

**Deuteranomaly**  
4287011818

**Tritanomaly**  
4287406021

# Monochromacy



**Original Color**  
4287993835

**Achromatopsia**  
4288716960

**Achromatomaly**  
4288454075

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287993835 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(149, 151, 235)` looks like.

```
.text, #text, p{  
    color:rgb(149, 151, 235)  
}
```

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(149, 151, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 151, 235) }
```

## Border

The CSS property to change the border of an element to Android 4287993835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

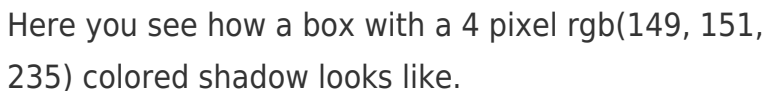
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(149, 151, 235) }
```

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

```
.border{ border-color:rgb(149, 151, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(149, 151, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 151, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 151, 235); box-shadow:4px 4px 4px 4px rgb(149, 151, 235) }
```

# Background

The CSS property to change the background color of an element to Android 4287993835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 151, 235) }
```

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

```
.background{ background-color: rgb(149,  
151, 235) }
```

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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