

# Converting Colors

Android(4287077357)

Have a look what the booklet for  
Android(4287077357) contains.

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# **Color**

**Android(4287077357)**

# Conversions

## Conversions Part 1

Format	Color
Hex	879BED
RGB	135, 155, 237
RGB Percent	53%, 61%, 93%
CMY	0.4706, 0.3922, 0.0706
CMYK	0.43, 0.35, 0.00, 0.07
HSL	228°, 74%, 73%
HSV	228°, 43%, 93%
XYZ	36.9991, 34.7080, 84.8700
YIQ	158.3680, -38.2420, 21.2620

# Conversions

## Conversions Part 2

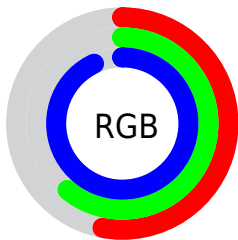
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 152, 237</a>
Decimal	<a href="#">8887277</a>
CIELab	<a href="#">65.52, 13.70, -43.51</a>
CIELCh	<a href="#">66, 45.613, 287.475</a>
Yxy	<a href="#">34.7080, 0.2363, 0.2217</a>
Android (android.graphics.Color)	<a href="#">4287077357</a> ( <a href="#">0xFF879BED</a> )
YUV	<a href="#">158.3680, 38.7656, -20.4937</a>
Hunter-Lab	<a href="#">58.9135, 9.0036, -44.1729</a>

# Details

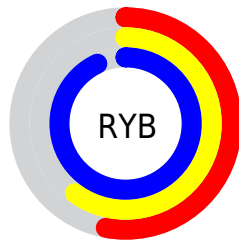
The Android color `4287077357` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4293777799`, and the grayscale version is `4288585374`.

A 20% lighter version of the original color is `4290826751`, and `4283394229` is the 20% darker color. If you saturate the color by 10%, you get `4285499629`, and if you desaturate by 10%, it is `4288655085`.

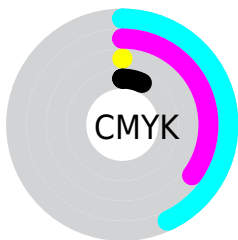
# Distribution



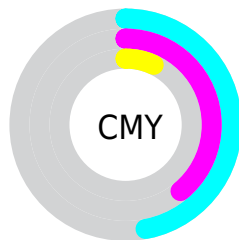
- Red (53%)
- Green (61%)
- Blue (93%)



- Red (53%)
- Yellow (60%)
- Blue (93%)



- Cyan (43%)
- Magenta (35%)
- Yellow (0%)
- Black (7%)

















- Cyan (47%)
- Magenta (39%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287077357 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 4287077357 by changing the saturation by 10% instead.



 4287077357	 4287077357
4294967295	 4285235665
 4290826751	 4283394229
 4292734463	 4281421978
 4294639615	 4278663807
	 4278199654
	 4278194509
	 4278191414
	 4278190624
	 4278190083

■ 4287077357

■ 4287077357

■ 4285499629

■ 4288655085

■ 4283987437

■ 4290167277

■ 4282409709

■ 4291745005

■ 4280831981

■ 4293322733

■ 4279254253

■ 4294834925

■ 4278202093

■ 4294967277

# Harmonies

## Analogous

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



4280592622



4287077357



4290874327

# Triad

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



4287077357



4293036132



4281250700

# Complementary

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



4287077357



4293777799

# 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.



4285705830



4287077357



4291270478

# Square

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



4287077357



4293754505



4288717902



4278236342

# Rectangle

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



4287077357



4292510399



4288717902



4283085438



# Sweetspot

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



4287077357



4292797695



4287098329



4285230976



4278190080



4286611584



# Same Dimension

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



4287077357



4286223615



4289103853



4285164661



4278199221



4278192694



# Inverse Universe

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



4293756827



4294933140



4291751303



4285885036



4290052132

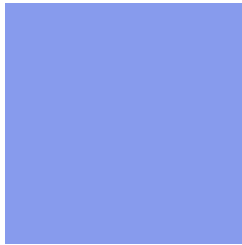


4281729035



# Previews

## White Background



This preview shows how the Android color 4287077357 looks on a white background.

## Color Contrast Check

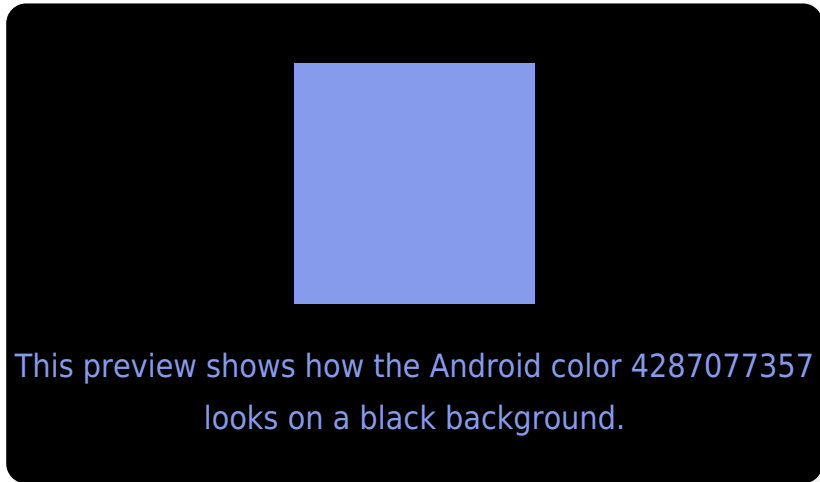
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4287077357 Background



This preview shows how black text looks on a background with the Android color 4287077357.



This preview shows how white text looks on a background with the Android color 4287077357.

# 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**  
4287077357

**Protanopia**  
4286815470

**Deuteranopia**  
4286357228



# Trichromacy



**Original Color**

4287077357

**Protanomaly**

4286881006

**Deuteranomaly**

4286619116

**Tritanomaly**

4286424009

# Monochromacy



**Original Color**

4287077357

**Achromatopsia**

4288585374

**Achromatomaly**

4288060859

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287077357 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(135, 155, 237)` looks like.

```
.text, #text, p{  
    color:rgb(135, 155, 237)  
}
```

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(135, 155, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 155, 237) }
```

## Border

The CSS property to change the border of an element to Android 4287077357 is called "border". The border property can be set on classes, ids or directly on the HTML element.

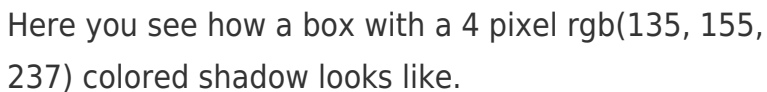
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 155, 237) }
```

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

```
.border{ border-color:rgb(135, 155, 237) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 155, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 155, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 155, 237); box-shadow:4px 4px 4px 4px rgb(135, 155, 237) }
```

# Background

The CSS property to change the background color of an element to Android 4287077357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 155, 237) }
```

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

```
.background{ background-color: rgb(135,  
155, 237) }
```

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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