

# Converting Colors

Android(4287051211)

Have a look what the booklet for  
Android(4287051211) contains.

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**Color**

**Android(4287051211)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8735CB
RGB	135, 53, 203
RGB Percent	53%, 21%, 80%
CMY	0.4706, 0.7922, 0.2039
CMYK	0.33, 0.74, 0.00, 0.20
HSL	273°, 59%, 50%
HSV	273°, 74%, 80%
XYZ	22.0443, 12.0089, 57.6560
YIQ	94.6180, 0.7220, 64.0340

# Conversions

## Conversions Part 2

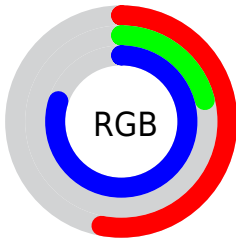
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 53, 203
Decimal	8861131
CIE <sub>Lab</sub>	41.23, 60.52, -63.13
CIE <sub>LCh</sub>	41, 87.454, 313.789
Yxy	12.0089, 0.2404, 0.1309
Android (android.graphics.Color)	4287051211 (0xFF8735CB)
YUV	94.6180, 53.4323, 35.4150
Hunter-Lab	34.6539, 52.9045, -74.3871

# Details

The Android color `4287051211` is a dark color, and the websafe version is hex `9933CC`. The color can be described as dark muted purple. A complement of this color would be `4286171957`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4290866175`, and `4283236500` is the 20% darker color. If you saturate the color by 10%, you get `4286456267`, and if you desaturate by 10%, it is `4287646155`.

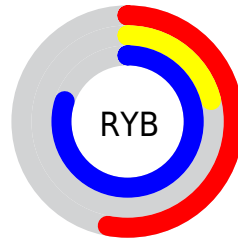
# Distribution



Red (53%)

Green (21%)

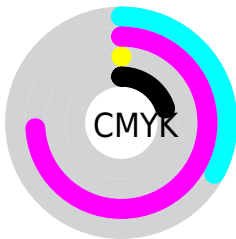
Blue (80%)



Red (53%)

Yellow (21%)

Blue (80%)

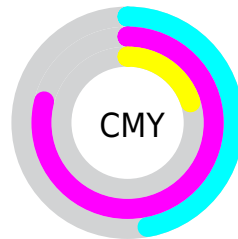


Cyan (33%)

Magenta (74%)

Yellow (0%)

Black (20%)



Cyan (47%)

Magenta (79%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287051211 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 4287051211 by changing the saturation by 10% instead.



 4287051211

 4287051211

4294967295

 4285142703

 4290866175

 4283236500

 4292839167

 4281270393

 4294812415

 4279042144

 4294950655

 4278190151

 4294958079

 4278191151

 4294965503

 4278190361

 4278190080

 4287051211

 4287051211

■ 4286456267

■ 4287646155

■ 4285861067

■ 4288241355

■ 4285464779

■ 4288901835

■ 4289496779

■ 4290091979

■ 4290686923

■ 4291281867

■ 4291942347

■ 4292537547

# Harmonies

## Analogous

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



4278215152



4287051211



4291297419

# Triad

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



4287051211



4288040704



4278222210

# Complementary

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



4287051211



4286171957

# 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.



4278221365



4287051211



4284049664

# Square

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



4287051211



4290974464



4278220032



4278222021

# Rectangle

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



4287051211



4292280412



4278220032



4278221929



# Sweetspot

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



4287051211



4293314559



4281695179



4285554304



4278190080



4286611584



# Same Dimension

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



4287051211



4288158975



4291507654



4284570726



4284154022



4279566374



# Inverse Universe

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



4291507577



4294909059



4281715514



4284898400



4289069131

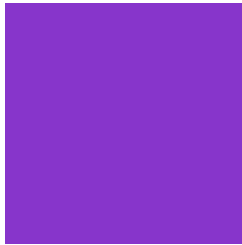


4280680465



# Previews

## White Background



This preview shows how the Android color 4287051211 looks on a white background.

## Color Contrast Check

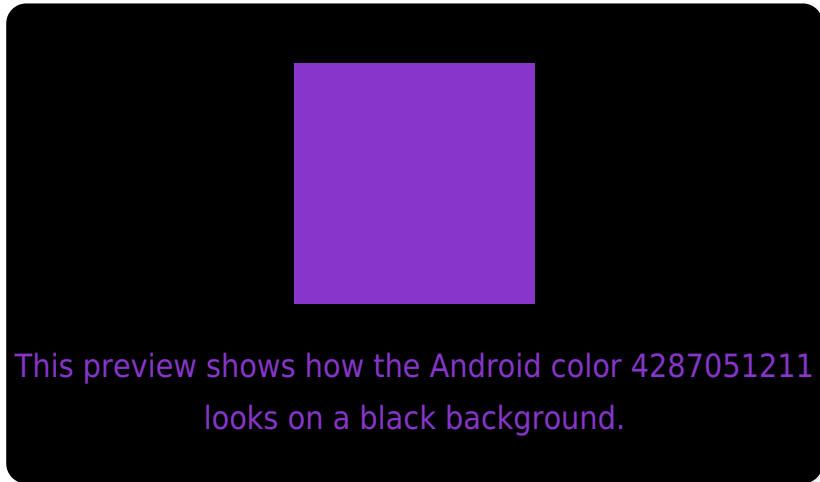
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

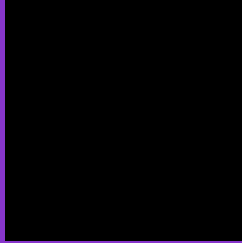
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4287051211 Background



This preview shows how black text looks on a background with the Android color 4287051211.



This preview shows how white text looks on a background with the Android color 4287051211.

# 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**  
4287051211

**Protanopia**  
4278214343

**Deuteranopia**  
4278215853



**Tritanopia**  
4285750114

# Trichromacy



**Original Color**  
4287051211



**Protanomaly**  
4281421768



**Deuteranomaly**  
4281422776



**Tritanomaly**  
4286205320

# Monochromacy



**Original Color**  
4287051211



**Achromatopsia**  
4284440415



**Achromatomaly**  
4285419654

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287051211 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, 53, 203)` looks like.

```
.text, #text, p{  
    color:rgb(135, 53, 203)  
}
```

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, 53, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 53, 203) }
```

## Border

The CSS property to change the border of an element to Android 4287051211 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, 53, 203) }
```

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

```
.border{ border-color:rgb(135, 53, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 53, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 53, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 53, 203);  
box-shadow:4px 4px 4px 4px rgb(135, 53,  
203) }
```

# Background

The CSS property to change the background color of an element to Android 4287051211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 53, 203) }
```

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

```
.background{ background-color: rgb(135, 53,  
203) }
```

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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