

# Converting Colors

Android(4287320299)

Have a look what the booklet for  
Android(4287320299) contains.

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# **Color**

**Android(4287320299)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B50EB
RGB	139, 80, 235
RGB Percent	55%, 31%, 92%
CMY	0.4549, 0.6863, 0.0784
CMYK	0.41, 0.66, 0.00, 0.08
HSL	263°, 79%, 62%
HSV	263°, 66%, 92%
XYZ	28.5115, 17.2244, 80.4192
YIQ	115.3110, -14.5910, 60.7130

# Conversions

## Conversions Part 2

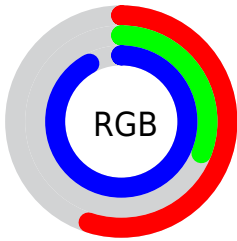
Format	Color
R <sub>Y</sub> B	139, 80, 235
Decimal	9130219
CIE Lab	48.54, 56.51, -69.51
CIE LCh	49, 89.580, 309.112
Yxy	17.2244, 0.2260, 0.1365
Android (android.graphics.Color)	4287320299 (0xFF8B50EB)
YUV	115.3110, 59.0067, 20.7753
Hunter-Lab	41.5023, 49.9978, -85.8347

# Details

The Android color `4287320299` is a light color, and the websafe version is hex `9966FF`. The color can be described as light muted purple. A complement of this color would be `4289784656`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4291200511`, and `4283374514` is the 20% darker color. If you saturate the color by 10%, you get `4286331115`, and if you desaturate by 10%, it is `4288309483`.

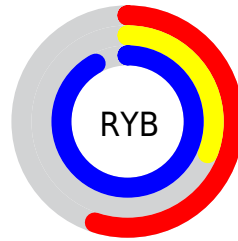
# Distribution



Red (55%)

Green (31%)

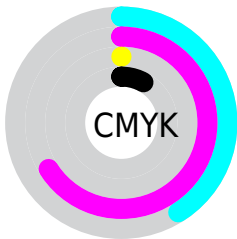
Blue (92%)



Red (55%)

Yellow (31%)

Blue (92%)

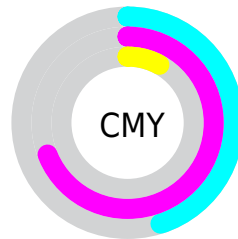


Cyan (41%)

Magenta (66%)

Yellow (0%)

Black (8%)



Cyan (45%)

Magenta (69%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287320299 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 4287320299 by changing the saturation by 10% instead.



 4287320299

 4287320299

4294967295

 4285347534

 4291200511

 4283374514

 4293173503

 4281204887

 4294950143

 4278190204

 4294957311

 4278190178

 4294964735

 4278190921

 4278191153

 4278190364

 4278190080

■ 4287320299

■ 4287320299

■ 4286331115

■ 4288309483

■ 4285407723

■ 4289232875

■ 4284418795

■ 4290221803

■ 4284023019

■ 4291145451

■ 4292134635

■ 4293058027

■ 4294046955

■ 4294967275

# Harmonies

## Analogous

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



4278220799



4287320299



4292477099

# Triad

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



4287320299



4290140672



4278227337

# Complementary

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



4287320299



4289784656

# 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.



4278226488



4287320299



4286085120

# Square

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



4287320299



4293009427



4278224640



4278227411

# Rectangle

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



4287320299



4293853305



4278224640



4278227311



# Sweetspot

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



4287320299



4292857087



4283478763



4285358464



4278190080



4286611584



# Same Dimension

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



4287320299



4286723839



4292235499



4285426293



4282712245



4279500854



# Inverse Universe

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



4293611696



4294915762



4284869456



4285885041



4290052208

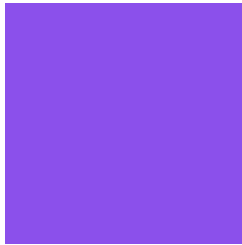


4281729057



# Previews

## White Background



This preview shows how the Android color 4287320299 looks on a white background.

## Color Contrast Check

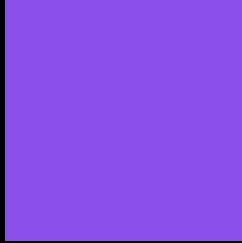
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4287320299 looks on a 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 4287320299 Background



This preview shows how black text looks on a background with the Android color 4287320299.

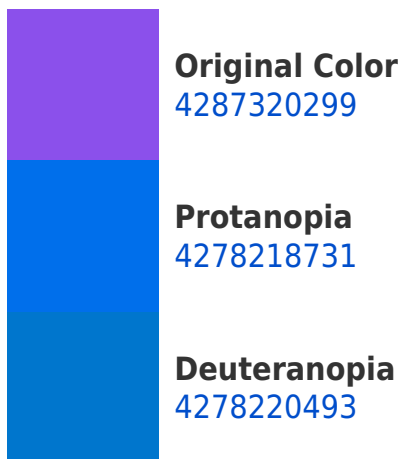



This preview shows how white text looks on a background with the Android color 4287320299.

# 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





**Tritanopia**  
4285690491

# Trichromacy



**Original Color**  
4287320299

**Protanomaly**  
4281558251

**Deuteranomaly**  
4281559256

**Tritanomaly**  
4286277284

# Monochromacy



**Original Color**  
4287320299

**Achromatopsia**  
4285756275

**Achromatomaly**  
4286342815

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287320299 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(139, 80, 235)` looks like.

```
.text, #text, p{  
  color:rgb(139, 80, 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(139, 80, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 80, 235) }
```

## Border

The CSS property to change the border of an element to Android 4287320299 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(139, 80, 235) }
```

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

```
.border{ border-color:rgb(139, 80, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 80, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 80, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 80, 235);  
box-shadow:4px 4px 4px 4px rgb(139, 80,  
235) }
```

# Background

The CSS property to change the background color of an element to Android 4287320299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 80, 235) }
```

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

```
.background{ background-color: rgb(139, 80,  
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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