

# Converting Colors

Android(4291009259)

Have a look what the booklet for  
Android(4291009259) contains.

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# **Color**

**Android(4291009259)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C39AEB
RGB	195, 154, 235
RGB Percent	76%, 60%, 92%
CMY	0.2353, 0.3961, 0.0784
CMYK	0.17, 0.34, 0.00, 0.08
HSL	270°, 67%, 76%
HSV	270°, 34%, 92%
XYZ	49.0567, 40.7115, 83.8698
YIQ	175.4930, -1.5650, 33.8830

# Conversions

## Conversions Part 2

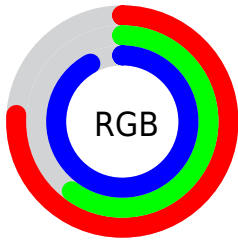
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 154, 235
Decimal	12819179
CIE <sub>Lab</sub>	69.97, 30.50, -35.11
CIE <sub>LCh</sub>	70, 46.503, 310.983
Yxy	40.7115, 0.2825, 0.2345
Android (android.graphics.Color)	4291009259 (0xFFC39AEB)
YUV	175.4930, 29.3370, 17.1076
Hunter-Lab	63.8055, 25.5794, -33.2704

# Details

The Android color `4291009259` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4290964378`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4294758911`, and `4287391411` is the 20% darker color. If you saturate the color by 10%, you get `4290216939`, and if you desaturate by 10%, it is `4291801835`.

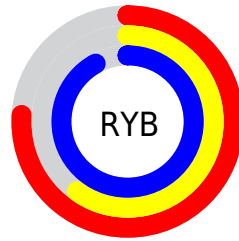
# Distribution



Red (76%)

Green (60%)

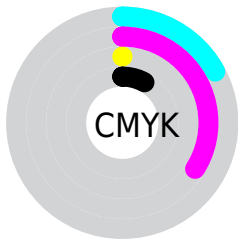
Blue (92%)



Red (76%)

Yellow (60%)

Blue (92%)

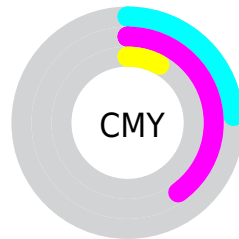


Cyan (17%)

Magenta (34%)

Yellow (0%)

Black (8%)



Cyan (24%)

Magenta (40%)

Yellow (8%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291009259 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 4291009259 by changing the saturation by 10% instead.



 4291009259

 4291009259

4294967295

 4289167567

 4294758911

 4287391411

 4294962687

 4285681304

 4283971198

 4282326884

 4280682828

 4279566389

 4278190623

 4278190081

 4291009259

 4291009259

 4290216939

 4291801835

 4289489899

 4292528619

 4288697579

 4293321195

 4287970539

 4294047979

 4287178219

 4294836203

 4286385643

 4294967275

 4285989099

# Harmonies

## Analogous

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



4286819070



4291009259



4293627080

# Triad

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



4291009259



4292583259



4278239674

# Complementary

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



4291009259



4290964378

# 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.



4283219854



4291009259



4290162262

# Square

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



4291009259



4294217846



4287150185



4278238945

# Rectangle

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



4291009259



4294543531



4287150185



4278239659



# Sweetspot

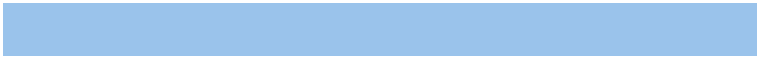
The Sweet Spot groups the original color and five complimentary colors.



4291009259



4294108927



4288332779



4286083200



4278190080



4286611584



# Same Dimension

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



4291009259



4291532543



4293630699



4285557365



4284219573



4279959606



# Inverse Universe

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



4293630658



4294940362



4288342938



4285885039



4290052185

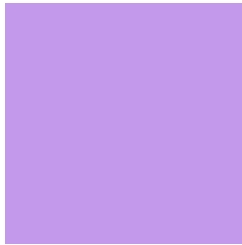


4281729050



# Previews

## White Background



This preview shows how the Android color 4291009259 looks on a white background.

## Color Contrast Check

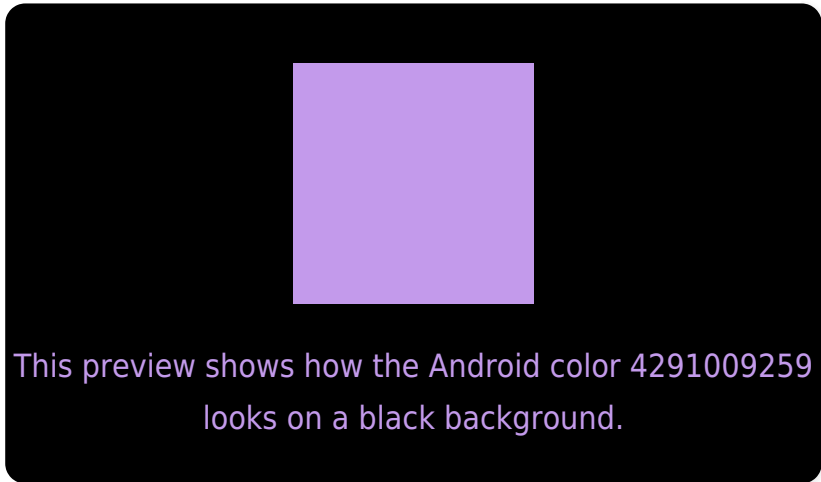
Large Text (above 18pt) WCAG AA × Fail

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

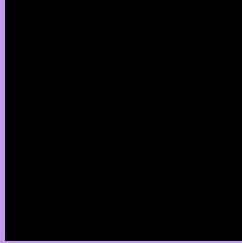
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291009259 Background



This preview shows how black text looks on a background with the Android color 4291009259.



This preview shows how white text looks on a background with the Android color 4291009259.

# 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**  
4291009259

**Protanomaly**  
4288980210

**Deuteranomaly**  
4289242345

**Tritanomaly**  
4290617799

# Monochromacy



**Original Color**  
4291009259

**Achromatopsia**  
4289703855

**Achromatomaly**  
4290160581

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291009259 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(195, 154, 235)` looks like.

```
.text, #text, p{  
    color:rgb(195, 154, 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(195, 154, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 154, 235) }
```

## Border

The CSS property to change the border of an element to Android 4291009259 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(195, 154, 235) }
```

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

```
.border{ border-color:rgb(195, 154, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 154, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 154, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 154, 235);  
box-shadow:4px 4px 4px 4px rgb(195, 154,  
235) }
```

# Background

The CSS property to change the background color of an element to Android 4291009259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 154, 235) }
```

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

```
.background{ background-color: rgb(195,  
154, 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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