

# Converting Colors

Android(4290199035)

Have a look what the booklet for  
Android(4290199035) contains.

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# **Color**

**Android(4290199035)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B73DFB
RGB	183, 61, 251
RGB Percent	72%, 24%, 98%
CMY	0.2824, 0.7608, 0.0157
CMYK	0.27, 0.76, 0.00, 0.02
HSL	279°, 96%, 61%
HSV	279°, 76%, 98%
XYZ	38.6098, 20.3698, 93.1636
YIQ	119.1380, 11.7220, 84.9540

# Conversions

## Conversions Part 2

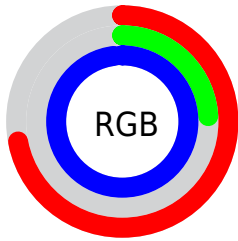
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 61, 251
Decimal	12008955
CIELab	52.25, 76.11, -72.19
CIELCh	52, 104.903, 316.512
Yxy	20.3698, 0.2538, 0.1339
Android (android.graphics.Color)	4290199035 (0xFFB73DFB)
YUV	119.1380, 65.0080, 56.0070
Hunter-Lab	45.1329, 73.7184, -90.7937

# Details

The Android color `4290199035` is a light color, and the websafe version is hex `CC33FF`. The color can be described as light washed purple. A complement of this color would be `4286708541`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4294211839`, and `4286251201` is the 20% darker color. If you saturate the color by 10%, you get `4289602811`, and if you desaturate by 10%, it is `4290795259`.

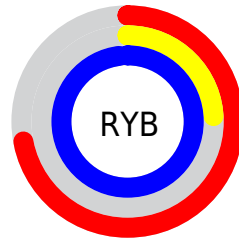
# Distribution



Red (72%)

Green (24%)

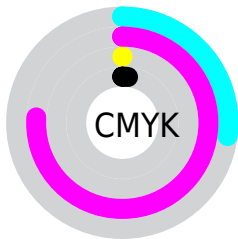
Blue (98%)



Red (72%)

Yellow (24%)

Blue (98%)

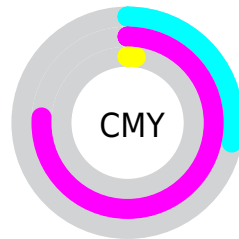


Cyan (27%)

Magenta (76%)

Yellow (0%)

Black (2%)



Cyan (28%)

Magenta (76%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290199035 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 4290199035 by changing the saturation by 10% instead.



 4290199035

 4290199035

4294967295

 4288223198

 4294211839

 4286251201

 4294940159

 4284350629

 4294947583

 4282253450

 4294955007

 4280025200

 4294962687

 4278190166

 4278191678

 4278190887

 4278190352

■ 4290199035

■ 4290199035

■ 4289602811

■ 4290795259

■ 4289006587

■ 4291391483

■ 4288741627

■ 4291987707

■ 4292583931

■ 4293180411

■ 4293776635

■ 4294372859

4294967291

# Harmonies

## Analogous

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



4278221311



4290199035



4294901929

# Triad

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



4290199035



4290341376



4278230958

# Complementary

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



4290199035



4286708541

# 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.



4278230095



4290199035



4285106176

# Square

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



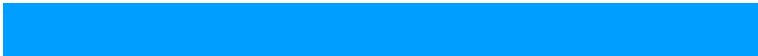
4290199035



4294125312



4278228480



4278230783

# Rectangle

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



4290199035



4294901870



4278228480



4278230671



# Sweetspot

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



4290199035



4293575935



4282221563



4285750400



4278190080



4286611584



# Same Dimension

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



4290199035



4289468415



4294655458



4286083197



4286120125



4280746045



# Inverse Universe

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



4294655361



4294907754



4282252118



4286410869



4290576452

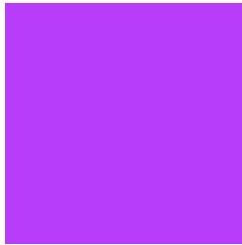


4282187798



# Previews

## White Background



This preview shows how the Android color 4290199035 looks on a white background.

## Color Contrast Check

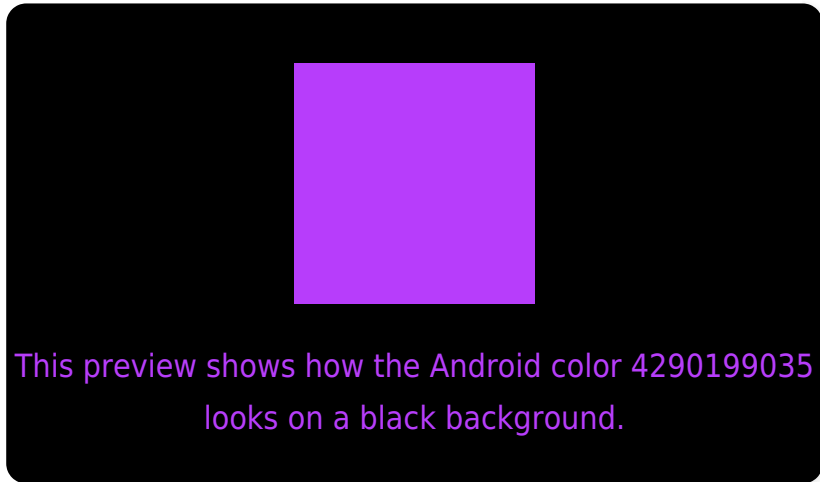
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 × Fail

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



# Android 4290199035 Background



This preview shows how black text looks on a background with the Android color 4290199035.



This preview shows how white text looks on a background with the Android color 4290199035.

# 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**  
4290199035

**Protanopia**  
4278221054

**Deuteranopia**  
4278222815



# Trichromacy



**Original Color**

4290199035



**Protanomaly**

4282606589



**Deuteranomaly**

4282607593



**Tritanomaly**

4289289383

# Monochromacy



**Original Color**

4290199035



**Achromatopsia**

4286019447



**Achromatomaly**

4287521447

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290199035 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(183, 61, 251)` looks like.

```
.text, #text, p{  
    color:rgb(183, 61, 251)  
}
```

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(183, 61, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 61, 251) }
```

## Border

The CSS property to change the border of an element to Android 4290199035 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(183, 61, 251) }
```

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

```
.border{ border-color:rgb(183, 61, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 61, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 61, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 61, 251);  
box-shadow:4px 4px 4px 4px rgb(183, 61,  
251) }
```

# Background

The CSS property to change the background color of an element to Android 4290199035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 61, 251) }
```

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

```
.background{ background-color: rgb(183, 61,  
251) }
```

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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