

# Converting Colors

Android(4290023935)

Have a look what the booklet for  
Android(4290023935) contains.

<b>Android(4290023935)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4290023935)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B491FF
RGB	180, 145, 255
RGB Percent	71%, 57%, 100%
CMY	0.2941, 0.4314, 0.0000
CMYK	0.29, 0.43, 0.00, 0.00
HSL	259°, 100%, 78%
HSV	259°, 43%, 100%
XYZ	46.9978, 37.1741, 99.3060
YIQ	168.0050, -14.4500, 41.6300

# Conversions

## Conversions Part 2

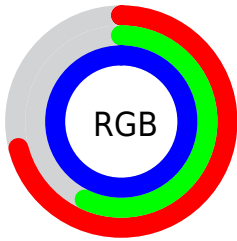
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 145, 255
Decimal	11833855
CIE <sub>Lab</sub>	67.41, 35.87, -50.15
CIE <sub>LCh</sub>	67, 61.655, 305.572
Y <sub>xy</sub>	37.1741, 0.2561, 0.2026
Android (android.graphics.Color)	4290023935 (0xFFB491FF)
Y <sub>UV</sub>	168.0050, 42.8885, 10.5196
Hunter-Lab	60.9706, 30.8942, -53.8894

# Details

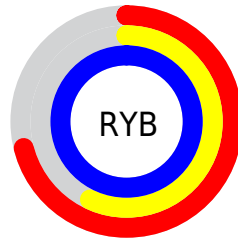
The Android color `4290023935` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4292673425`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4293838847`, and `4286340806` is the 20% darker color. If you saturate the color by 10%, you get `4288903423`, and if you desaturate by 10%, it is `4291144703`.

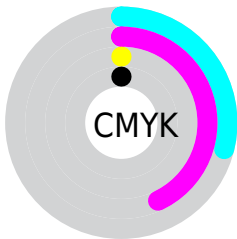
# Distribution



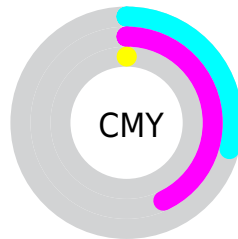
- Red (71%)
- Green (57%)
- Blue (100%)



- Red (71%)
- Yellow (57%)
- Blue (100%)



- Cyan (29%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (43%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290023935 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 4290023935 by changing the saturation by 10% instead.



 4290023935

 4290023935

4294967295

 4288182242

 4293838847

 4286340806

 4294960383

 4284565162

 4282723983

 4280883317

 4278190684

 4278190147


 4278190892

 4278190358

 4290023935

 4290023935

 4288903423

 4291144703

 4287717119

 4292330751

 4286596351

 4293451519

 4285410303

 4294637567

 4284289535

4294967295

 4283498751

# Harmonies

## Analogous

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



4282165247



4290023935



4293950163

# Triad

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



4290023935



4293300284



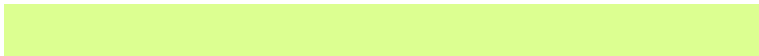
4278239149

# Complementary

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



4290023935



4292673425

# 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.



4279155828



4290023935



4290290986

# Square

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



4290023935



4294933350



4286493507



4278238947

# Rectangle

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



4290023935



4294930863



4286493507



4278238874



# Sweetspot

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



4290023935



4293451519



4287749375



4285688704



4278190080



4286611584



# Same Dimension

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



4290023935



4289035007



4293628415



4286018432



4282187967



4279500864



# Inverse Universe

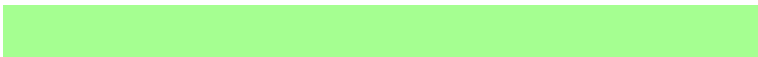
The Inverse Universe completely reimagines the original color for something new.



4294939100



4294933205



4289068945



4286608251



4290707586

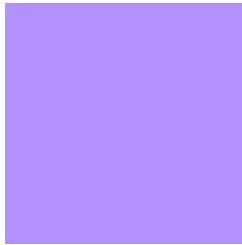


4282384427



# Previews

## White Background



This preview shows how the Android color 4290023935 looks on a white background.

## Color Contrast Check

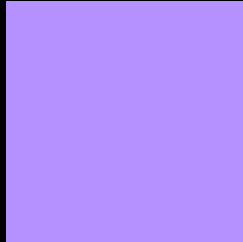
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4290023935 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

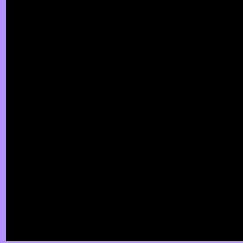
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4290023935 Background



This preview shows how black text looks on a background with the Android color 4290023935.



This preview shows how white text looks on a background with the Android color 4290023935.

# 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**  
4288979887

# Trichromacy



**Original Color**  
4290023935

**Protanomaly**  
4287929343

**Deuteranomaly**  
4287536636

**Tritanomaly**  
4289371340

# Monochromacy



**Original Color**  
4290023935

**Achromatopsia**  
4289243304

**Achromatomaly**  
4289503432

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290023935 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(180, 145, 255)` looks like.

```
.text, #text, p{  
    color:rgb(180, 145, 255)  
}
```

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(180, 145, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 145, 255) }
```

## Border

The CSS property to change the border of an element to Android 4290023935 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(180, 145, 255) }
```

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

```
.border{ border-color:rgb(180, 145, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 145, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 145, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 145, 255); box-shadow:4px 4px 4px 4px rgb(180, 145, 255) }
```

# Background

The CSS property to change the background color of an element to Android 4290023935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 145, 255) }
```

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

```
.background{ background-color: rgb(180,  
145, 255) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor