

# Converting Colors

Android(4290100735)

Have a look what the booklet for  
Android(4290100735) contains.

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# **Color**

**Android(4290100735)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5BDFF
RGB	181, 189, 255
RGB Percent	71%, 74%, 100%
CMY	0.2902, 0.2588, 0.0000
CMYK	0.29, 0.26, 0.00, 0.00
HSL	234°, 100%, 85%
HSV	234°, 29%, 100%
XYZ	55.3037, 53.4389, 102.0077
YIQ	194.1320, -25.9540, 18.8300

# Conversions

## Conversions Part 2

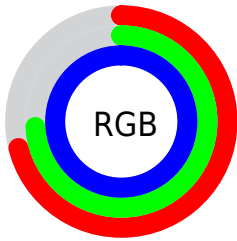
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 188, 255
Decimal	11910655
CIE <sub>Lab</sub>	78.13, 11.67, -33.40
CIE <sub>LCh</sub>	78, 35.381, 289.266
Yxy	53.4389, 0.2624, 0.2536
Android (android.graphics.Color)	4290100735 (0xFFB5BDFF)
YUV	194.1320, 30.0079, -11.5168
Hunter-Lab	73.1019, 7.1118, -31.5629

# Details

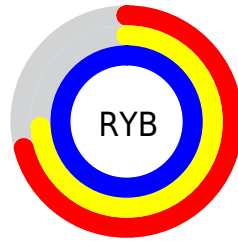
The Android color `4290100735` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4294965173`, and the grayscale version is `4290953922`.

A 20% lighter version of the original color is `4293850623`, and `4286482630` is the 20% darker color. If you saturate the color by 10%, you get `4288456447`, and if you desaturate by 10%, it is `4291810559`.

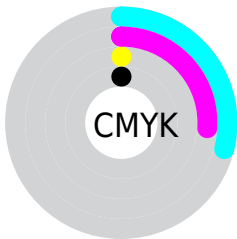
# Distribution



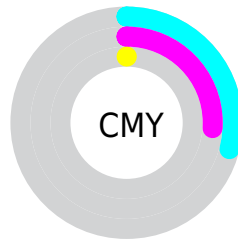
- Red (71%)
- Green (74%)
- Blue (100%)



- Red (71%)
- Yellow (74%)
- Blue (100%)



- Cyan (29%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (26%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290100735 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 4290100735 by changing the saturation by 10% instead.



 4290100735

 4290100735

4294967295

 4288258786

 4293850623

 4286482630

 4284772267

 4283061904

 4281352054

 4279380573

 4278195781

 4278190382

 4278190361

■ 4290100735

■ 4290100735

■ 4288456447

■ 4291810559

■ 4286746879

■ 4293454591

■ 4285102591

4294967295

■ 4283392767

■ 4281748479

■ 4280038911

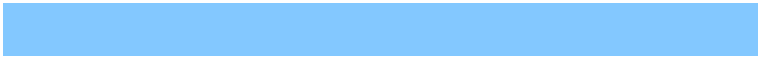
■ 4278394623

■ 4278197503

# Harmonies

## Analogous

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



4286826751



4290100735



4292850156

# Triad

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



4290100735



4294619281



4285977268

# Complementary

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



4290100735



4294965173

# 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.



4288532117



4290100735



4293114753

# Square

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



4290100735



4294945197



4290954882



4283880406

# Rectangle

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



4290100735



4294159577



4290954882



4286828969



# Sweetspot

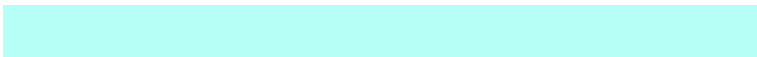
The Sweet Spot groups the original color and five complimentary colors.



4290100735



4293454847



4290117622



4285625216



4278190080



4286611584



# Same Dimension

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



4290100735



4289114111



4291933695



4285756544



4278195647



4278191936



# Inverse Universe

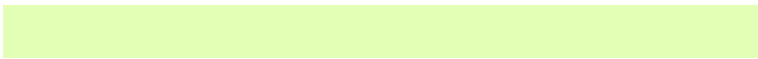
The Inverse Universe completely reimagines the original color for something new.



4294948285



4294944431



4293132213



4286608244



4290707477

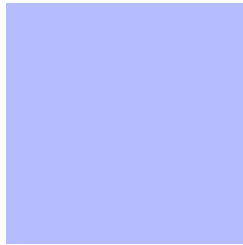


4282384391



# Previews

## White Background



This preview shows how the Android color 4290100735 looks on a white background.

## Color Contrast Check

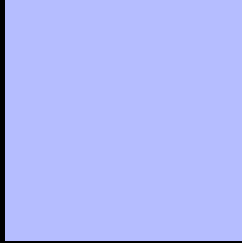
Large Text (above 18pt) WCAG AA × Fail

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 4290100735 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

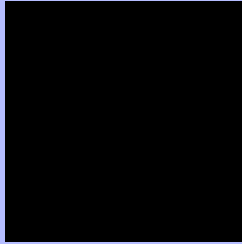
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4290100735 Background



This preview shows how black text looks on a background with the Android color 4290100735.



This preview shows how white text looks on a background with the Android color 4290100735.

# 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**  
4290100735

**Protanopia**  
4289708031

**Deuteranopia**  
4289904383



# Trichromacy



**Original Color**

4290100735

**Protanomaly**

4289838847

**Deuteranomaly**

4289969919

**Tritanomaly**

4289708772

# Monochromacy



**Original Color**

4290100735

**Achromatopsia**

4290953922

**Achromatomaly**

4290625752

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290100735 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(181, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 189, 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(181, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 189, 255) }
```

## Border

The CSS property to change the border of an element to Android 4290100735 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(181, 189, 255) }
```

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

```
.border{ border-color:rgb(181, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 189,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4290100735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 189, 255) }
```

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

```
.background{ background-color: rgb(181,  
189, 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](#).



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