

# Converting Colors

Android(4291872235)

Have a look what the booklet for  
Android(4291872235) contains.

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# **Color**

**Android(4291872235)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0C5EB
RGB	208, 197, 235
RGB Percent	82%, 77%, 92%
CMY	0.1843, 0.2275, 0.0784
CMYK	0.11, 0.16, 0.00, 0.08
HSL	257°, 49%, 85%
HSV	257°, 16%, 92%
XYZ	60.9741, 59.3406, 86.8375
YIQ	204.6210, -5.6420, 14.1500

# Conversions

## Conversions Part 2

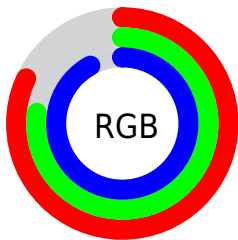
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	208, 197, 235
Decimal	13682155
CIE Lab	81.48, 11.06, -17.41
CIE LCh	81, 20.623, 302.435
Yxy	59.3406, 0.2943, 0.2865
Android (android.graphics.Color)	4291872235 (0xFFD0C5EB)
YUV	204.6210, 14.9768, 2.9634
Hunter-Lab	77.0328, 6.4813, -12.9134

# Details

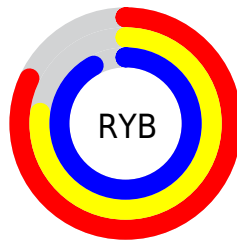
The Android color `4291872235` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4292930501`, and the grayscale version is `4291611852`.

A 20% lighter version of the original color is `4294967039`, and `4288253875` is the 20% darker color. If you saturate the color by 10%, you get `4290752235`, and if you desaturate by 10%, it is `4292992491`.

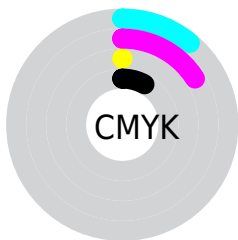
# Distribution



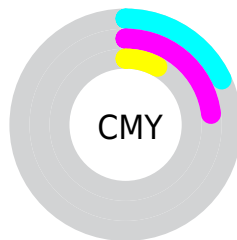
- Red (82%)
- Green (77%)
- Blue (92%)



- Red (82%)
- Yellow (77%)
- Blue (92%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)
- Black (8%)




- Cyan (18%)
- Magenta (23%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291872235 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 4291872235 by changing the saturation by 10% instead.



 4291872235

 4291872235

4294967295

 4290030287

4294967039

 4288253875

 4286543512

 4284898686

 4283319653


 4281741133

 4280293942

 4279042081

 4278190087

 4291872235

 4291872235

 4290752235

 4292992491

 4289697515

 4294046955

 4288577259

 4294967275

 4287457259

 4286402539

 4285282539

 4284162539

 4283042283

 4282646763

# Harmonies

## Analogous

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



4290235633



4291872235



4293246941

# Triad

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



4291872235



4293510057



4288468683

# Complementary

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



4291872235



4292930501

# 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.



4289582264



4291872235



4292397732

# Square

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



4291872235



4294098615



4291023018



4288140766

# Rectangle

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



4291872235



4293836240



4291023018



4288796101



# Sweetspot

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



4291872235



4294374143



4291158251



4286216320



4278190080



4286611584



# Same Dimension

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



4291872235



4292726783



4293117419



4285360757



4281598133



4279238710



# Inverse Universe

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



4293641696



4294954993



4291685317



4285885042



4290052225



4281729062



# Previews

## White Background



This preview shows how the Android color 4291872235 looks on a white background.

## Color Contrast Check

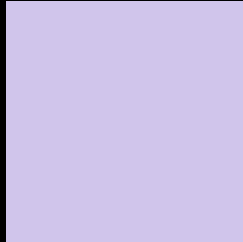
Large Text (above 18pt) WCAG AA × Fail

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 4291872235 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

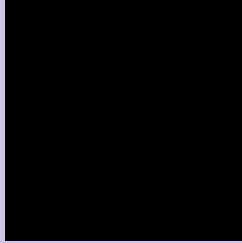
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291872235 Background



This preview shows how black text looks on a background with the Android color 4291872235.



This preview shows how white text looks on a background with the Android color 4291872235.

# 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**  
4291872235

**Protanopia**  
4291021293

**Deuteranopia**  
4291806699



**Tritanopia**  
4291676376

# Trichromacy



**Original Color**  
4291872235

**Protanomaly**  
4291348716

**Deuteranomaly**  
4291806699

**Tritanomaly**  
4291741663

# Monochromacy



**Original Color**  
4291872235

**Achromatopsia**  
4291677645

**Achromatomaly**  
4291742424

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291872235 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(208, 197, 235)` looks like.

```
.text, #text, p{  
    color:rgb(208, 197, 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(208, 197, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 197, 235) }
```

## Border

The CSS property to change the border of an element to Android 4291872235 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(208, 197, 235) }
```

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

```
.border{ border-color:rgb(208, 197, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 197, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 197, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 197, 235);  
box-shadow:4px 4px 4px 4px rgb(208, 197,  
235) }
```

# Background

The CSS property to change the background color of an element to Android 4291872235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 197, 235) }
```

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

```
.background{ background-color: rgb(208,  
197, 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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