

# Converting Colors

Android(4290499833)

Have a look what the booklet for  
Android(4290499833) contains.

<b>Android(4290499833)</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(4290499833)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBD4F9
RGB	187, 212, 249
RGB Percent	73%, 83%, 98%
CMY	0.2667, 0.1686, 0.0235
CMYK	0.25, 0.15, 0.00, 0.02
HSL	216°, 84%, 85%
HSV	216°, 25%, 98%
XYZ	61.1359, 64.4913, 98.8484
YIQ	208.7430, -26.7770, 6.2070

# Conversions

## Conversions Part 2

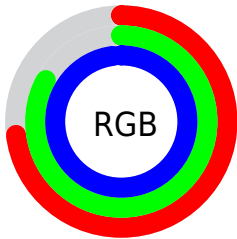
Format	Color
<b>RYB</b>	187, 205, 249
Decimal	12309753
CIELab	84.22, -0.38, -20.86
CIELCh	84, 20.866, 268.959
Yxy	64.4913, 0.2723, 0.2873
Android (android.graphics.Color)	4290499833 (0xFFBBD4F9)
YUV	208.7430, 19.8467, -19.0686
Hunter-Lab	80.3065, -4.6475, -16.7649

# Details

The Android color `4290499833` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4294566075`, and the grayscale version is `4291940817`.

A 20% lighter version of the original color is `4294246399`, and `4286947008` is the 20% darker color. If you saturate the color by 10%, you get `4288857593`, and if you desaturate by 10%, it is `4292142073`.

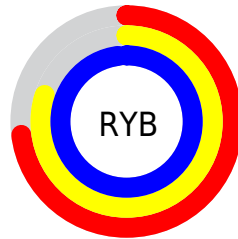
# Distribution



Red (73%)

Green (83%)

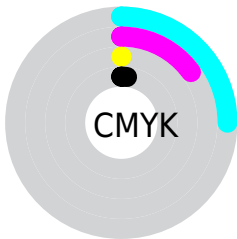
Blue (98%)



Red (73%)

Yellow (80%)

Blue (98%)

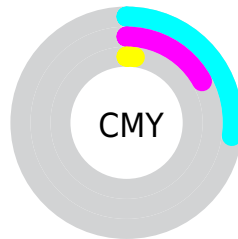


Cyan (25%)

Magenta (15%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (17%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290499833 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 4290499833 by changing the saturation by 10% instead.



 4290499833

 4290499833

4294967295

 4288657628

 4294246399

 4286947008

 4285236133

 4283525771

 4281881201

 4280236889

 4278265409

 4278194475

 4278190358

■ 4290499833

■ 4290499833

■ 4288857593

■ 4292142073

■ 4287215353

■ 4293784313

■ 4285573113

■ 4294967289

■ 4283931129

■ 4282288889

■ 4280712185

■ 4279069945

■ 4278215929

# Harmonies

## Analogous

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



4289125107



4290499833



4292201972

# Triad

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



4290499833



4294690496



4290173885

# Complementary

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



4290499833



4294566075

# 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.



4291680175



4290499833



4294167217

# Square

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



4290499833



4294558932



4293054635



4288994769

# Rectangle

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



4290499833



4293249516



4293054635



4290697912



# Sweetspot

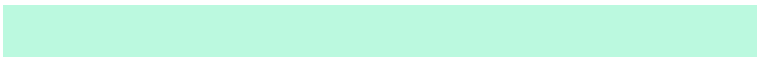
The Sweet Spot groups the original color and five complimentary colors.



4290499833



4293784831



4290509279



4285888896



4278190080



4286611584



# Same Dimension

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



4290499833



4289974783



4290821113



4285560189



4278209725



4278196541



# Inverse Universe

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



4294556628



4294947793



4294244795



4286410869



4290576460

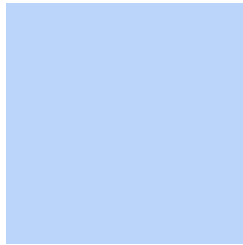


4282187801



# Previews

## White Background



This preview shows how the Android color 4290499833 looks on a white background.

## Color Contrast Check

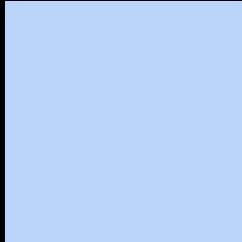
Large Text (above 18pt) WCAG AA × Fail

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 4290499833 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

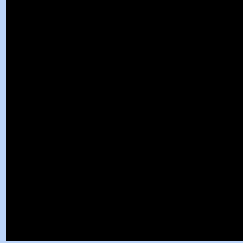
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

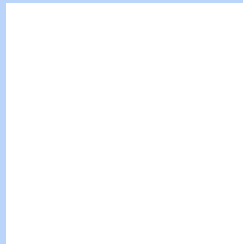
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4290499833 Background



This preview shows how black text looks on a background with the Android color 4290499833.



This preview shows how white text looks on a background with the Android color 4290499833.

# 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**  
4290499833

**Protanopia**  
4291481846

**Deuteranopia**  
4292005370



# Trichromacy



**Original Color**  
4290499833

**Protanomaly**  
4291154423

**Deuteranomaly**  
4291481850

**Tritanomaly**  
4290369262

# Monochromacy



**Original Color**  
4290499833

**Achromatopsia**  
4291940817

**Achromatomaly**  
4291416800

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290499833 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(187, 212, 249)` looks like.

```
.text, #text, p{  
    color:rgb(187, 212, 249)  
}
```

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(187, 212, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 212, 249) }
```

## Border

The CSS property to change the border of an element to Android 4290499833 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(187, 212, 249) }
```

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

```
.border{ border-color:rgb(187, 212, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 212, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 212, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 212, 249);  
box-shadow:4px 4px 4px 4px rgb(187, 212,  
249) }
```

# Background

The CSS property to change the background color of an element to Android 4290499833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 212, 249) }
```

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

```
.background{ background-color: rgb(187,  
212, 249) }
```

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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