

# Converting Colors

Android(4290093807)

Have a look what the booklet for  
Android(4290093807) contains.

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# **Color**

**Android(4290093807)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5A2EF
RGB	181, 162, 239
RGB Percent	71%, 64%, 94%
CMY	0.2902, 0.3647, 0.0627
CMYK	0.24, 0.32, 0.00, 0.06
HSL	255°, 71%, 79%
HSV	255°, 32%, 94%
XYZ	47.5564, 41.8964, 87.2417
YIQ	176.4590, -13.3930, 27.9750

# Conversions

## Conversions Part 2

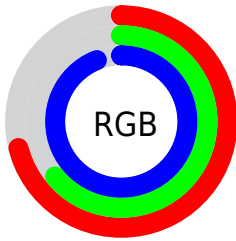
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 162, 239
Decimal	11903727
CIE <sub>Lab</sub>	70.80, 22.81, -36.11
CIE <sub>LCh</sub>	71, 42.705, 302.279
Yxy	41.8964, 0.2691, 0.2371
Android (android.graphics.Color)	4290093807 (0xFFB5A2EF)
YUV	176.4590, 30.8327, 3.9825
Hunter-Lab	64.7274, 17.8740, -34.6037

# Details

The Android color `4290093807` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `4292669346`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4293843455`, and `4286541495` is the 20% darker color. If you saturate the color by 10%, you get `4288908015`, and if you desaturate by 10%, it is `4291279599`.

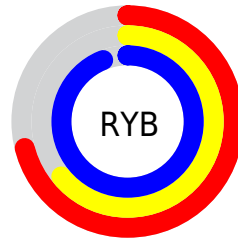
# Distribution



Red (71%)

Green (64%)

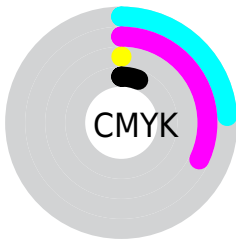
Blue (94%)



Red (71%)

Yellow (64%)

Blue (94%)

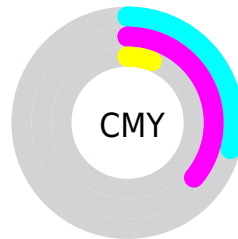


Cyan (24%)

Magenta (32%)

Yellow (0%)

Black (6%)



Cyan (29%)

Magenta (36%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290093807 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 4290093807 by changing the saturation by 10% instead.



 4290093807

 4290093807

4294967295

 4288252115

 4293843455

 4286541495

 4294964735

 4284765852

 4283121281

 4281411688

 4279702607

 4278321208

 4278190626

 4278190087

 4290093807

 4290093807

 4288908015

 4291279599

 4287722223

 4292465391

 4286536431

 4293651183

 4285350639

 4294836207

 4284164847

 4294967279

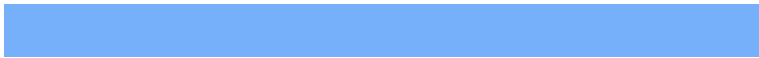
 4282979311

 4282056943

# Harmonies

## Analogous

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



4285968635



4290093807



4292908498

# Triad

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



4290093807



4293107305



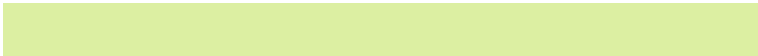
4280599215

# Complementary

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



4290093807



4292669346

# 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.



4285185672



4290093807



4291013726

# Square

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



4290093807



4294349446



4288329578



4278239701

# Rectangle

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



4290093807



4294021049



4288329578



4282565025



# Sweetspot

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



4290093807



4293715711



4288863727



4285821056



4278190080



4286611584



# Same Dimension

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



4290093807



4290026751



4292518639



4285492344



4281139384



4279107640



# Inverse Universe

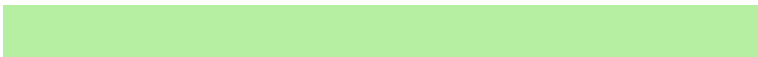
The Inverse Universe completely reimagines the original color for something new.



4293894876



4294941926



4290244514



4286082165



4290248842

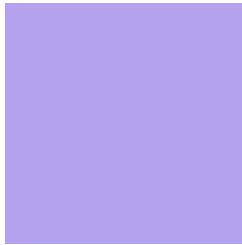


4281860138



# Previews

## White Background



This preview shows how the Android color 4290093807 looks on a white background.

## Color Contrast Check

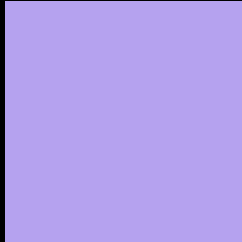
Large Text (above 18pt) WCAG AA × Fail

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 4290093807 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

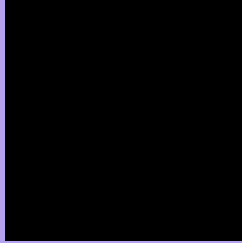
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4290093807 Background



This preview shows how black text looks on a background with the Android color 4290093807.



This preview shows how white text looks on a background with the Android color 4290093807.

# 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





# Trichromacy



**Original Color**  
4290093807

**Protanomaly**  
4288784627

**Deuteranomaly**  
4288981230

**Tritanomaly**  
4289702093

# Monochromacy



**Original Color**  
4290093807

**Achromatopsia**  
4289769648

**Achromatomaly**  
4289899463

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290093807 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, 162, 239)` looks like.

```
.text, #text, p{  
    color:rgb(181, 162, 239)  
}
```

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, 162, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 162, 239) }
```

## Border

The CSS property to change the border of an element to Android 4290093807 is called "border". The border property can be set on classes, ids or directly on the HTML element.

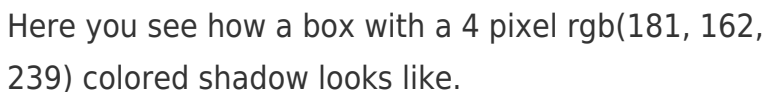
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 162, 239) }
```

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

```
.border{ border-color:rgb(181, 162, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 162, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 162, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 162, 239); box-shadow:4px 4px 4px 4px rgb(181, 162, 239) }
```

# Background

The CSS property to change the background color of an element to Android 4290093807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 162, 239) }
```

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

```
.background{ background-color: rgb(181,  
162, 239) }
```

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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