

# Converting Colors

Android(4290751693)

Have a look what the booklet for  
Android(4290751693) contains.

<b>Android(4290751693)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4290751693)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFACCD
RGB	191, 172, 205
RGB Percent	75%, 67%, 80%
CMY	0.2510, 0.3255, 0.1961
CMYK	0.07, 0.16, 0.00, 0.20
HSL	275°, 25%, 74%
HSV	275°, 16%, 80%
XYZ	47.2578, 44.9892, 63.9506
YIQ	181.4430, 0.7310, 14.2910

# Conversions

## Conversions Part 2

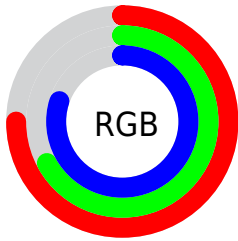
<b>Format</b>	<b>Color</b>
<b>RYB</b>	191, 172, 205
Decimal	12561613
CIELab	72.88, 12.99, -14.24
CIELCh	73, 19.273, 312.359
Yxy	44.9892, 0.3026, 0.2880
Android (android.graphics.Color)	4290751693 (0xFFBFACCD)
YUV	181.4430, 11.6136, 8.3815
Hunter-Lab	67.0740, 8.3850, -9.5773

# Details

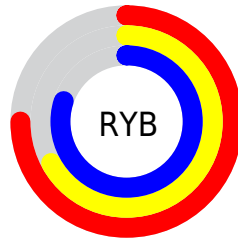
The Android color `4290751693` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4290432428`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4294435839`, and `4287199383` is the 20% darker color. If you saturate the color by 10%, you get `4290156749`, and if you desaturate by 10%, it is `4291346893`.

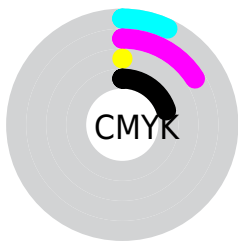
# Distribution



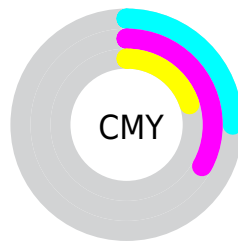
- Red (75%)
- Green (67%)
- Blue (80%)



- Red (75%)
- Yellow (67%)
- Blue (80%)



- Cyan (7%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (25%)
- Magenta (33%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290751693 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 4290751693 by changing the saturation by 10% instead.



 4290751693

 4290751693

4294967295

 4288975282

 4294435839

 4287199383

 4285554557

 4283909988

 4282397004

 4280884277

 4279632416

 4278190085

 4278190080

 4290751693

 4290751693

 4290156749

 4291346893

 4289627085

 4291876301

 4289032141

 4292471501

 4288436941

 4293066445

 4287907533

 4293590989

 4287312333

 4294180813

 4286717389

 4294770637

 4286122189

 4294967245

 4285923533

# Harmonies

## Analogous

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



4289245909



4290751693



4291864766

# Triad

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



4290751693



4291473042



4286954938

# Complementary

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



4290751693



4290432428

# 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.



4287806632



4290751693



4290360464

# Square

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



4290751693



4292192668



4289051032



4286954698

# Rectangle

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



4290751693



4292257714



4289051032



4287151540



# Sweetspot

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



4290751693



4294636287



4289510093



4286347392



4278190080



4286611584



# Same Dimension

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



4290751693



4293578751



4291669195



4284636262



4284416166



4279631910



# Inverse Universe

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



4291669178



4294954979



4289514926



4284898400



4289069126

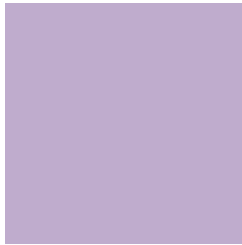


4280680464



# Previews

## White Background



This preview shows how the Android color 4290751693 looks on a white background.

## Color Contrast Check

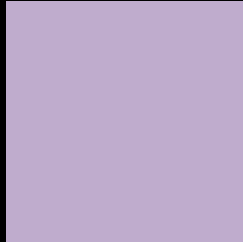
Large Text (above 18pt) WCAG AA × Fail

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 4290751693 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

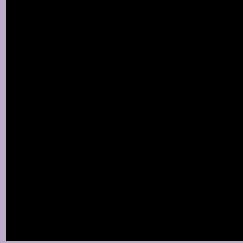
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4290751693 Background



This preview shows how black text looks on a background with the Android color 4290751693.



This preview shows how white text looks on a background with the Android color 4290751693.

# 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**  
4290751693

**Protanopia**  
4289573329

**Deuteranopia**  
4290293453



# Trichromacy



**Original Color**  
4290751693

**Protanomaly**  
4290031568

**Deuteranomaly**  
4290489805

**Tritanomaly**  
4290621123

# Monochromacy



**Original Color**  
4290751693

**Achromatopsia**  
4290098613

**Achromatomaly**  
4290359998

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290751693 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(191, 172, 205)` looks like.

```
.text, #text, p{  
    color:rgb(191, 172, 205)  
}
```

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(191, 172, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 172, 205) }
```

## Border

The CSS property to change the border of an element to Android 4290751693 is called "border". The border property can be set on classes, ids or directly on the HTML element.

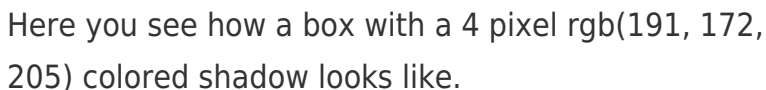
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 172, 205) }
```

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

```
.border{ border-color:rgb(191, 172, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 172, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 172, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 172, 205); box-shadow:4px 4px 4px 4px rgb(191, 172, 205) }
```

# Background

The CSS property to change the background color of an element to Android 4290751693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 172, 205) }
```

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

```
.background{ background-color: rgb(191,  
172, 205) }
```

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