

# Converting Colors

Android(4290585808)

Have a look what the booklet for  
Android(4290585808) contains.

<b>Android(4290585808)</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(4290585808)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD24D0
RGB	189, 36, 208
RGB Percent	74%, 14%, 82%
CMY	0.2588, 0.8588, 0.1843
CMYK	0.09, 0.83, 0.00, 0.18
HSL	293°, 70%, 48%
HSV	293°, 83%, 82%
XYZ	33.0023, 16.6346, 61.1459
YIQ	101.3550, 35.9760, 85.9280

# Conversions

## Conversions Part 2

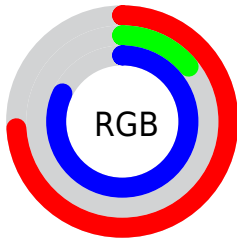
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 36, 208
Decimal	12395728
CIE <sub>Lab</sub>	47.80, 76.45, -55.01
CIE <sub>LCh</sub>	48, 94.182, 324.260
Yxy	16.6346, 0.2979, 0.1502
Android (android.graphics.Color)	4290585808 (0xFFBD24D0)
YUV	101.3550, 52.5760, 76.8647
Hunter-Lab	40.7856, 73.0614, -60.3379

# Details

The Android color **4290585808** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed purple. A complement of this color would be **4281847844**, and the grayscale version is **4284835173**.

A 20% lighter version of the original color is **4294535167**, and **4286775449** is the 20% darker color. If you saturate the color by 10%, you get **4290449360**, and if you desaturate by 10%, it is **4290722256**.

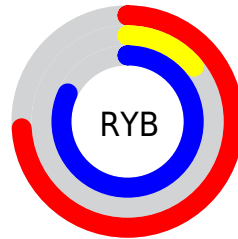
# Distribution



Red (74%)

Green (14%)

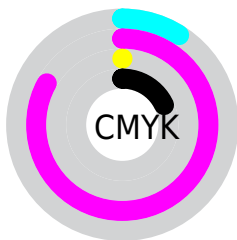
Blue (82%)



Red (74%)

Yellow (14%)

Blue (82%)

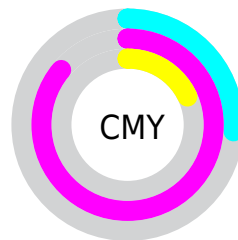


Cyan (9%)

Magenta (83%)

Yellow (0%)

Black (18%)



Cyan (26%)

Magenta (86%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290585808 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 4290585808 by changing the saturation by 10% instead.



 4290585808

 4290585808

4294967295

 4288676020

 4294535167

 4286775449

 4294935807

 4284874878

 4294943231

 4283039844

 4294950655

 4281270348

 4294958335

 4278845492

 4294966015

 4278190621

 4278190080

 4290585808

 4290585808


 4290449360

 4290722256


 4290314448


 4290924240

 4291060432

 4291196880

 4291333328

 4291535312

 4291671760

 4291807952

 4292009936

# Harmonies

## Analogous

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



4278215935



4290585808



4293853316

# Triad

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



4290585808



4288112896



4278227121

# Complementary

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



4290585808



4281847844

# 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.



4278226783



4290585808



4283072512

# Square

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



4290585808



4291837440



4278225408



4278226676

# Rectangle

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



4290585808



4294246480



4278225408



4278227095



# Sweetspot

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



4290585808



4294492159



4280563920



4286273920



4278190080



4286611584



# Same Dimension

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



4290585808



4293067775



4291830926



4284964457



4288020648



4280549417



# Inverse Universe

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



4291830839



4294902558



4280602726



4285095519



4289200147

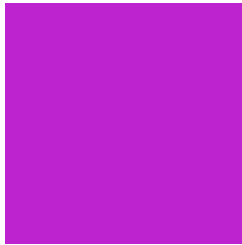


4280877061



# Previews

## White Background



This preview shows how the Android color 4290585808 looks on a white background.

## Color Contrast Check

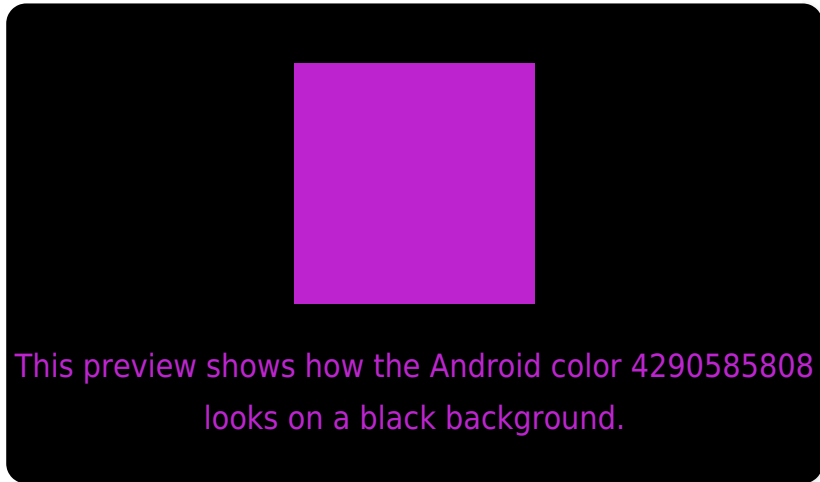
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

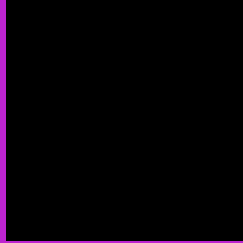
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4290585808 Background



This preview shows how black text looks on a background with the Android color 4290585808.



This preview shows how white text looks on a background with the Android color 4290585808.

# 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**

4290585808

**Protanopia**

4278218473

**Deuteranopia**

4281562052



# Trichromacy



**Original Color**  
4290585808



**Protanomaly**  
4282733536



**Deuteranomaly**  
4284831432



**Tritanomaly**  
4290004103

# Monochromacy



**Original Color**  
4290585808



**Achromatopsia**  
4284835173



**Achromatomaly**  
4286926220

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290585808 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(189, 36, 208)` looks like.

```
.text, #text, p{  
    color:rgb(189, 36, 208)  
}
```

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(189, 36, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 36, 208) }
```

## Border

The CSS property to change the border of an element to Android 4290585808 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(189, 36, 208) }
```

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

```
.border{ border-color:rgb(189, 36, 208) }
```

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

Here you see how a box with a 4 pixel rgb(189, 36, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 36, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 36, 208);  
box-shadow:4px 4px 4px 4px rgb(189, 36,  
208) }
```

# Background

The CSS property to change the background color of an element to Android 4290585808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 36, 208) }
```

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

```
.background{ background-color: rgb(189, 36,  
208) }
```

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**