

# Converting Colors

Android(4290576533)

Have a look what the booklet for  
Android(4290576533) contains.

<b>Android(4290576533)</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(4290576533)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD0095
RGB	189, 0, 149
RGB Percent	74%, 0%, 58%
CMY	0.2588, 1.0000, 0.4157
CMYK	0.00, 1.00, 0.21, 0.26
HSL	313°, 100%, 37%
HSV	313°, 100%, 74%
XYZ	26.4111, 12.9887, 29.5488
YIQ	73.4970, 64.8150, 86.4070

# Conversions

## Conversions Part 2

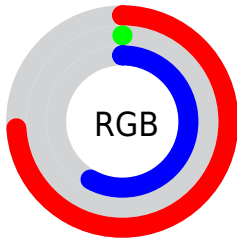
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 0, 149
Decimal	12386453
CIE <sub>Lab</sub>	42.75, 73.06, -28.20
CIE <sub>LCh</sub>	43, 78.313, 338.895
Yxy	12.9887, 0.3831, 0.1884
Android (android.graphics.Color)	4290576533 (0xFFBD0095)
YUV	73.4970, 37.2230, 101.2961
Hunter-Lab	36.0399, 67.7401, -23.3835

# Details

The Android color **4290576533** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **4278238504**, and the grayscale version is **4282992969**.

A 20% lighter version of the original color is **4294531019**, and **4286775394** is the 20% darker color. If you saturate the color by 10%, you get **4290576533**, and if you desaturate by 10%, it is **4290581401**.

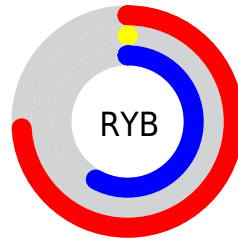
# Distribution



Red (74%)

Green (0%)

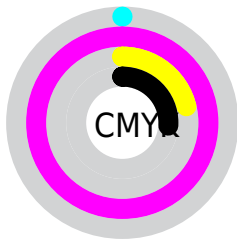
Blue (58%)



Red (74%)

Yellow (0%)

Blue (58%)

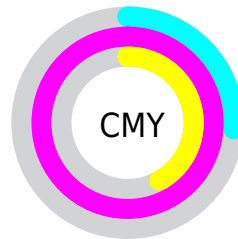


Cyan (0%)

Magenta (100%)

Yellow (21%)

Black (26%)



Cyan (26%)

Magenta (100%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290576533 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 4290576533 by changing the saturation by 10% instead.



 4290576533

 4290576533

4294967295

 4288675963

 4294531019

 4286775394

 4294931944

 4284874826

 4294939391

 4283105331

 4294946815

 4281270301

 4294954495

 4278190080

 4294962175

 4290576533

 4290581401

■ 4290586269

■ 4290591137

■ 4290596005

■ 4290600873

■ 4290605485

■ 4290610353

■ 4290615221

■ 4290620089

# Harmonies

## Analogous

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



4286138571



4290576533



4291952725

# Triad

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



4290576533



4285229312



4278222774

# Complementary

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



4290576533



4278238504

# 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.



4278222711



4290576533



4279268864

# Square

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



4290576533



4288696320



4278221874



4278221279

# Rectangle

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



4290576533



4291559467



4278221874



4278222754



# Sweetspot

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



4290576533



4294290405



4280680637



4286205553



4294638330



4286216826



# Same Dimension

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



4290576533



4294246593



4290576441



4284372316



4288544893



4280221720



# Inverse Universe

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



4290576533



4294246593



4278238596



4284372316



4288544893



4280221720



# Previews

## White Background



This preview shows how the Android color 4290576533 looks on a white background.

## Color Contrast Check

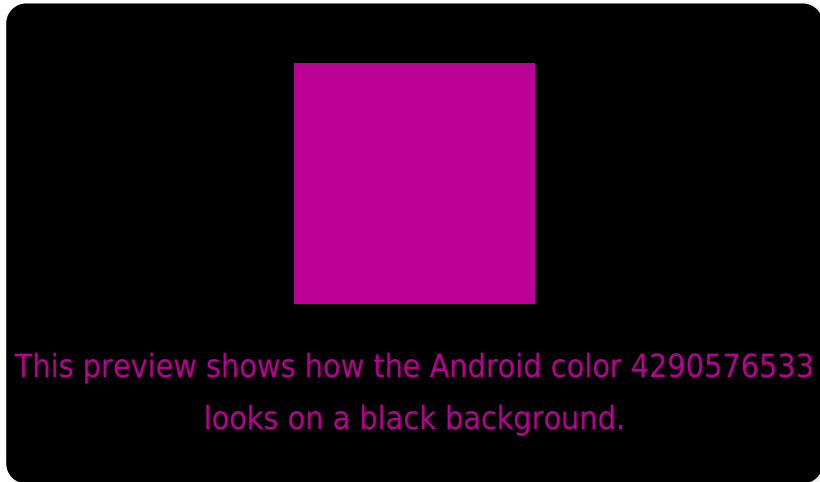
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290576533 Background



This preview shows how black text looks on a background with the Android color 4290576533.



This preview shows how white text looks on a background with the Android color 4290576533.

# 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**

4290576533



**Protanomaly**

4283252924



**Deuteranomaly**

4286595471



**Tritanomaly**

4290324062

# Monochromacy



**Original Color**

4290576533



**Achromatopsia**

4282992969



**Achromatomaly**

4285738597

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290576533 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, 0, 149)` looks like.

```
.text, #text, p{  
    color:rgb(189, 0, 149)  
}
```

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, 0, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 0, 149) }
```

## Border

The CSS property to change the border of an element to Android 4290576533 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, 0, 149) }
```

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

```
.border{ border-color:rgb(189, 0, 149) }
```

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

Here you see how a box with a 4 pixel rgb(189, 0, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 0, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 0, 149);  
box-shadow:4px 4px 4px 4px rgb(189, 0,  
149) }
```

# Background

The CSS property to change the background color of an element to Android 4290576533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 0, 149) }
```

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

```
.background{ background-color: rgb(189, 0,  
149) }
```

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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