

# Converting Colors

Android(4290602433)

Have a look what the booklet for  
Android(4290602433) contains.

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# **Color**

**Android(4290602433)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD65C1
RGB	189, 101, 193
RGB Percent	74%, 40%, 76%
CMY	0.2588, 0.6039, 0.2431
CMYK	0.02, 0.48, 0.00, 0.24
HSL	297°, 43%, 58%
HSV	297°, 48%, 76%
XYZ	35.2656, 23.9764, 53.2213
YIQ	137.8000, 22.9160, 47.2680

# Conversions

## Conversions Part 2

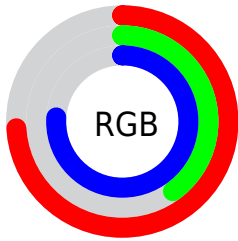
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	189, 101, 193
Decimal	12412353
CIE <sub>Lab</sub>	56.06, 48.66, -33.30
CIE <sub>LCh</sub>	56, 58.966, 325.620
Yxy	23.9764, 0.3136, 0.2132
Android (android.graphics.Color)	4290602433 (0xFFBD65C1)
YUV	137.8000, 27.2136, 44.9024
Hunter-Lab	48.9657, 42.8673, -30.1668

# Details

The Android color `4290602433` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4285120869`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4294417402`, and `4286918795` is the 20% darker color. If you saturate the color by 10%, you get `4290532033`, and if you desaturate by 10%, it is `4290672833`.

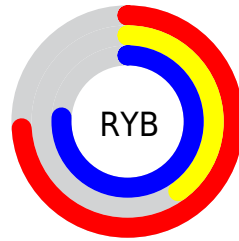
# Distribution



Red (74%)

Green (40%)

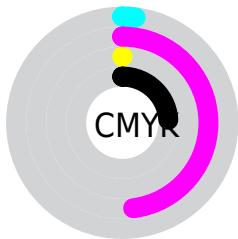
Blue (76%)



Red (74%)

Yellow (40%)

Blue (76%)

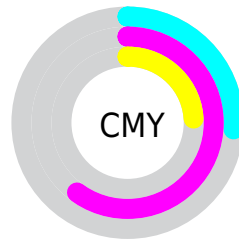


Cyan (2%)

Magenta (48%)

Yellow (0%)

Black (24%)



Cyan (26%)

Magenta (60%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290602433 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 4290602433 by changing the saturation by 10% instead.



 4290602433

 4290602433

4294967295

 4288760742

 4294417402

 4286918795

 4294948607

 4285207409

 4294956031

 4283433048

 4294963455

 4281794625

 4280287274

 4278190356

 4278190080

 4290602433

 4290602433

4290532033

4290672833

4290461377

4290743489

4290390977

4290813889

4290386113

4290818753

4290315457

4290889153

4290314433

4290959809

4291030209

4291100609

4291166145

# Harmonies

## Analogous

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



4286086371



4290602433



4292760976

# Triad

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



4290602433



4289102095



4278230705

# Complementary

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



4290602433



4285120869

# 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.



4278230653



4290602433



4285894685

# Square

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



4290602433



4291587377



4280982089



4278229722

# Rectangle

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



4290602433



4293088622



4280982089



4278230944



# Sweetspot

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



4290602433



4294498298



4284836545



4286343293



4294769916



4286414205



# Same Dimension

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



4290602433



4294208506



4290864536



4284503905



4288282785



4280287265



# Inverse Universe

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



4290864489



4294601586



4284858766



4284569432



4288741383

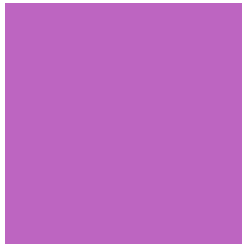


4280352769



# Previews

## White Background



This preview shows how the Android color 4290602433 looks on a white background.

## Color Contrast Check

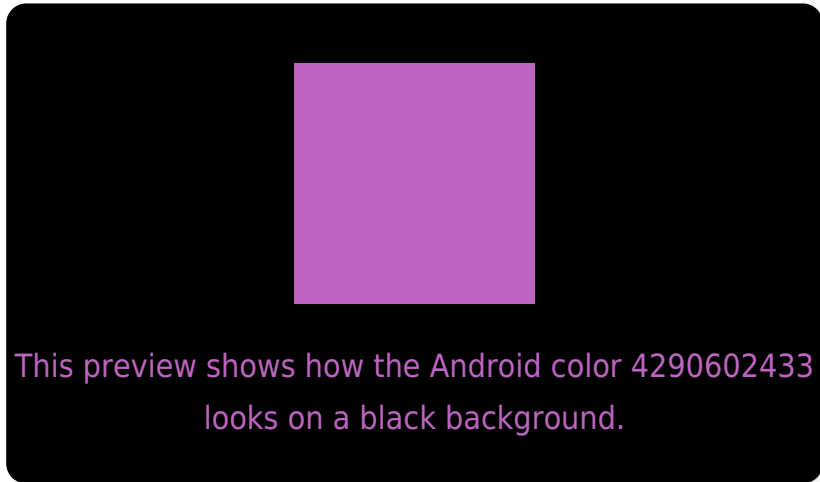
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 × Fail

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



# Android 4290602433 Background



This preview shows how black text looks on a background with the Android color 4290602433.



This preview shows how white text looks on a background with the Android color 4290602433.

# 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**

4290602433



**Protanomaly**

4286872018



**Deuteranomaly**

4287592893



**Tritanomaly**

4290211734

# Monochromacy



**Original Color**

4290602433



**Achromatopsia**

4287269514



**Achromatomaly**

4288511390

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290602433 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, 101, 193)` looks like.

```
.text, #text, p{  
    color:rgb(189, 101, 193)  
}
```

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, 101, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 101, 193) }
```

## Border

The CSS property to change the border of an element to Android 4290602433 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, 101, 193) }
```

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

```
.border{ border-color:rgb(189, 101, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 101, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 101, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 101, 193);  
box-shadow:4px 4px 4px 4px rgb(189, 101,  
193) }
```

# Background

The CSS property to change the background color of an element to Android 4290602433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 101, 193) }
```

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

```
.background{ background-color: rgb(189,  
101, 193) }
```

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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