

# Converting Colors

Android(4290856917)

Have a look what the booklet for  
Android(4290856917) contains.

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# **Color**

**Android(4290856917)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C147D5
RGB	193, 71, 213
RGB Percent	76%, 28%, 84%
CMY	0.2431, 0.7216, 0.1647
CMYK	0.09, 0.67, 0.00, 0.16
HSL	292°, 63%, 56%
HSV	292°, 67%, 84%
XYZ	36.2558, 20.6480, 65.0254
YIQ	123.6660, 27.1300, 70.0260

# Conversions

## Conversions Part 2

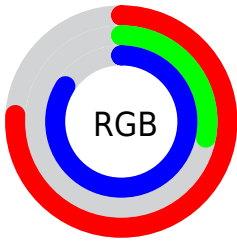
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	193, 71, 213
Decimal	12666837
CIE <sub>Lab</sub>	52.56, 67.09, -50.21
CIE <sub>LCh</sub>	53, 83.802, 323.188
Yxy	20.6480, 0.2974, 0.1693
Android (android.graphics.Color)	4290856917 (0xFFC147D5)
YUV	123.6660, 44.0417, 60.8059
Hunter-Lab	45.4401, 62.9016, -53.0367

# Details

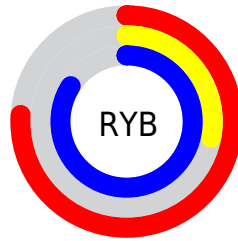
The Android color `4290856917` is a light color, and the websafe version is hex `CC33CC`. The color can be described as light muted magenta. A complement of this color would be `4284208455`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4294738175`, and `4287103134` is the 20% darker color. If you saturate the color by 10%, you get `4290654933`, and if you desaturate by 10%, it is `4291058901`.

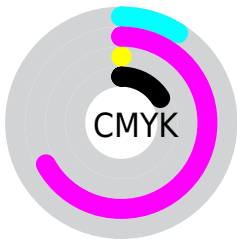
# Distribution



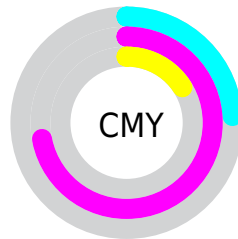
- Red (76%)
- Green (28%)
- Blue (84%)



- Red (76%)
- Yellow (28%)
- Blue (84%)



- Cyan (9%)
- Magenta (67%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (72%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290856917 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 4290856917 by changing the saturation by 10% instead.



 4290856917

 4290856917

4294967295

 4288948153

 4294738175

 4287103134

 4294941951

 4285268099

 4294949375

 4283433065

 4294956799

 4281729104

 4294964479

 4279763000

 4278190626

 4278190087

 4278190080

4290856917

4290856917

4290654933

4291058901

4290452693

4291261141

4290250709

4291463125

4290183381

4291665109

4291867349

4292069333

4292271317

4292473301

4292673493

# Harmonies

## Analogous

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



4282413823



4290856917



4293984401

# Triad

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



4290856917



4289099008



4278229941

# Complementary

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



4290856917



4284208455

# 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.



4278229610



4290856917



4284713472

# Square

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



4290856917



4292432384



4278228246



4278229233

# Rectangle

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



4290856917



4294443105



4278228246



4278229916



# Sweetspot

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



4290856917



4294495487



4282866901



4286275968



4278190080



4286611584



# Same Dimension

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



4290856917



4293014527



4292167587



4285161579



4287824043



4280614955



# Inverse Universe

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



4292167515



4294914896



4282897785



4285227106



4289396760



4281008134



# Previews

## White Background



This preview shows how the Android color 4290856917 looks on a white background.

## Color Contrast Check

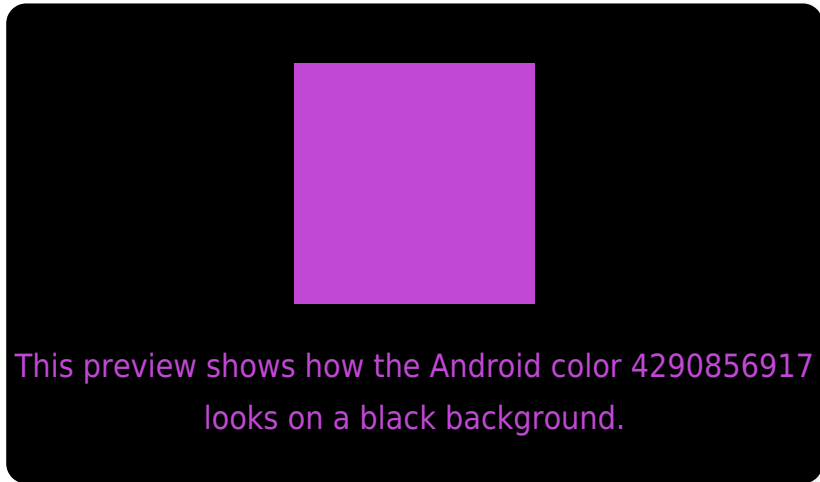
Large Text (above 18pt) WCAG AA ✓ Pass

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

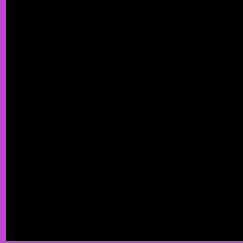
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4290856917 Background



This preview shows how black text looks on a background with the Android color 4290856917.



This preview shows how white text looks on a background with the Android color 4290856917.

# 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**

4290856917



**Protanomaly**

4283918320



**Deuteranomaly**

4286081743



**Tritanomaly**

4290337684

# Monochromacy



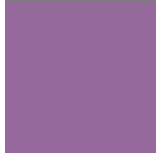
**Original Color**

4290856917



**Achromatopsia**

4286348412



**Achromatomaly**

4287981980

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290856917 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(193, 71, 213)` looks like.

```
.text, #text, p{  
    color:rgb(193, 71, 213)  
}
```

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(193, 71, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 71, 213) }
```

## Border

The CSS property to change the border of an element to Android 4290856917 is called "border". The border property can be set on classes, ids or directly on the HTML element.

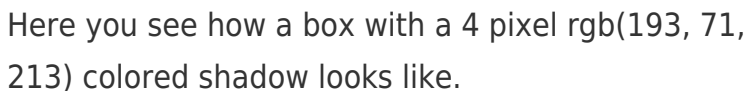
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 71, 213) }
```

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

```
.border{ border-color:rgb(193, 71, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 71, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 71, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 71, 213); box-shadow:4px 4px 4px 4px rgb(193, 71, 213) }
```

# Background

The CSS property to change the background color of an element to Android 4290856917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 71, 213) }
```

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

```
.background{ background-color: rgb(193, 71,  
213) }
```

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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