

# Converting Colors

Android(4290587245)

Have a look what the booklet for  
Android(4290587245) contains.

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**Color**

**Android(4290587245)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD2A6D
RGB	189, 42, 109
RGB Percent	74%, 16%, 43%
CMY	0.2588, 0.8353, 0.5725
CMYK	0.00, 0.78, 0.42, 0.26
HSL	333°, 64%, 45%
HSV	333°, 78%, 74%
XYZ	24.5745, 13.5789, 15.7938
YIQ	93.5910, 66.1050, 52.0010

# Conversions

## Conversions Part 2

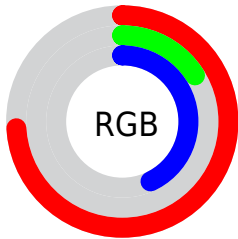
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 42, 109
Decimal	12397165
CIE <sub>Lab</sub>	43.62, 61.54, -2.29
CIE <sub>LCh</sub>	44, 61.579, 357.872
Yxy	13.5789, 0.4555, 0.2517
Android (android.graphics.Color)	4290587245 (0xFFBD2A6D)
YUV	93.5910, 7.5966, 83.6737
Hunter-Lab	36.8495, 54.5531, 0.3829

# Details

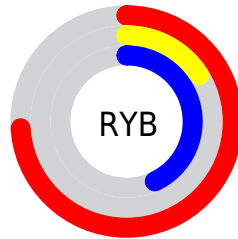
The Android color **4290587245** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **4280991098**, and the grayscale version is **4284308829**.

A 20% lighter version of the original color is **4294600352**, and **4286709822** is the 20% darker color. If you saturate the color by 10%, you get **4290582371**, and if you desaturate by 10%, it is **4290592119**.

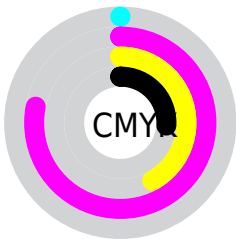
# Distribution



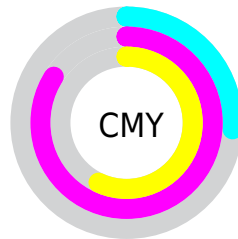
- Red (74%)
- Green (16%)
- Blue (43%)



- Red (74%)
- Yellow (16%)
- Blue (43%)



- Cyan (0%)
- Magenta (78%)
- Yellow (42%)
- Black (26%)



- Cyan (26%)
- Magenta (84%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290587245 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 4290587245 by changing the saturation by 10% instead.



 4290587245

 4290587245


4294967295

 4288610389

 4294600352

 4286709822

 4294935483

 4284809256

 4294942679

 4283039764

 4294950131

 4281204738

 4294957567

 4278190080

 4294964991

 4290587245

 4290587245

 4290582371

 4290592119

■ 4290577496

■ 4290596994

■ 4290576470

■ 4290601868

■ 4290606742

■ 4290611616

■ 4290616235

■ 4290621109

■ 4290625983

■ 4290630858

# Harmonies

## Analogous

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



4288692382



4290587245



4290589755

# Triad

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



4290587245



4283331072



4278221246

# Complementary

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



4290587245



4280991098

# 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.



4278222230



4290587245



4278221356

# Square

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



4290587245



4286604288



4278222178



4278218702

# Rectangle

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



4290587245



4289742106



4278222178



4278221746



# Sweetspot

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



4290587245



4294294742



4286065341



4286208104



4294638330



4286216826



# Same Dimension

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



4290587245



4294250873



4290588458



4284372313



4288544840



4280221710



# Inverse Universe

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



4290587245



4294250873



4280989885



4284372313



4288544840



4280221710



# Previews

## White Background



This preview shows how the Android color 4290587245 looks on a white background.

## Color Contrast Check

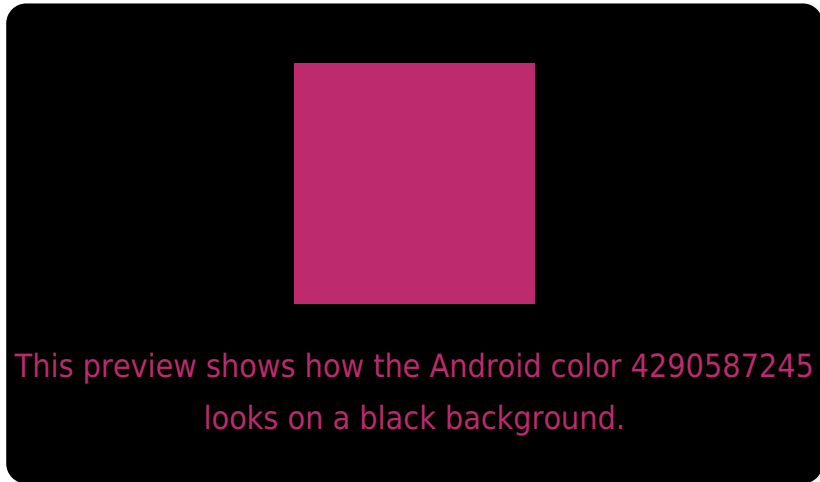
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290587245 Background



This preview shows how black text looks on a background with the Android color 4290587245.



This preview shows how white text looks on a background with the Android color 4290587245.

# 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



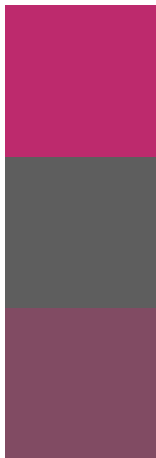
**Original Color**  
4290587245

**Protanomaly**  
4286534021

**Deuteranomaly**  
4287516777

**Tritanomaly**  
4290458445

# Monochromacy



**Original Color**  
4290587245

**Achromatopsia**  
4284374622

**Achromatomaly**  
4286663523

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290587245 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, 42, 109)` looks like.

```
.text, #text, p{  
    color:rgb(189, 42, 109)  
}
```

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, 42, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 42, 109) }
```

## Border

The CSS property to change the border of an element to Android 4290587245 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, 42, 109) }
```

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

```
.border{ border-color:rgb(189, 42, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 42, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 42, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 42, 109);  
box-shadow:4px 4px 4px 4px rgb(189, 42,  
109) }
```

# Background

The CSS property to change the background color of an element to Android 4290587245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 42, 109) }
```

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

```
.background{ background-color: rgb(189, 42,  
109) }
```

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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