

# Converting Colors

Android(4290602423)

Have a look what the booklet for  
Android(4290602423) contains.

<b>Android(4290602423)</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(4290602423)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD65B7
RGB	189, 101, 183
RGB Percent	74%, 40%, 72%
CMY	0.2588, 0.6039, 0.2824
CMYK	0.00, 0.47, 0.03, 0.26
HSL	304°, 40%, 57%
HSV	304°, 47%, 74%
XYZ	34.1872, 23.5451, 47.5425
YIQ	136.6600, 26.1260, 44.1580

# Conversions

## Conversions Part 2

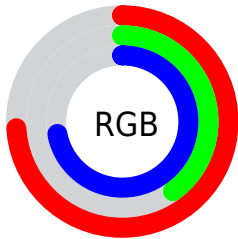
Format	Color
<a href="#">RYB</a>	<a href="#">189, 101, 183</a>
Decimal	<a href="#">12412343</a>
CIELab	<a href="#">55.63, 46.84, -28.23</a>
CIELCh	<a href="#">56, 54.689, 328.922</a>
Yxy	<a href="#">23.5451, 0.3247, 0.2237</a>
Android (android.graphics.Color)	<a href="#">4290602423</a> ( <a href="#">0xFFBD65B7</a> )
YUV	<a href="#">136.6600, 22.8456, 45.9022</a>
Hunter-Lab	<a href="#">48.5233, 40.8469, -24.1254</a>

# Details

The Android color `4290602423` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4284857707`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4294417391`, and `4286984578` is the 20% darker color. If you saturate the color by 10%, you get `4290597558`, and if you desaturate by 10%, it is `4290607288`.

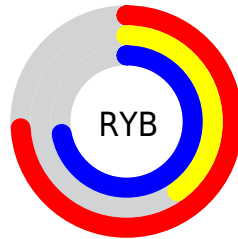
# Distribution



Red (74%)

Green (40%)

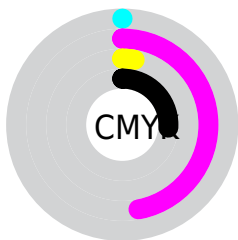
Blue (72%)



Red (74%)

Yellow (40%)

Blue (72%)

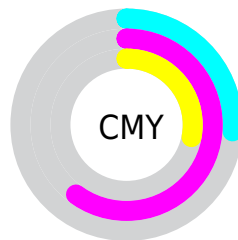


Cyan (0%)

Magenta (47%)

Yellow (3%)

Black (26%)



Cyan (26%)

Magenta (60%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290602423 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 4290602423 by changing the saturation by 10% instead.



 4290602423

 4290602423

4294967295

 4288760732

 4294417391

 4286984578


 4294948607

 4285207656

 4294955775

 4283498576

 4294963199

 4281860153

 4280287267

 4278190088

 4278190080

 4290602423

 4290602423

4290597558

4290607288

4290592692

4290612154

4290587827

4290617019

4290582962

4290621884

4290578353

4290626749

4290576560

4290631359

4290636224

4290641089

4290641859

# Harmonies

## Analogous

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



4286740953



4290602423



4292368777

# Triad

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



4290602423



4288643612



4278229938

# Complementary

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



4290602423



4284857707

# 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.



4278230146



4290602423



4285567019

# Square

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



4290602423



4291063859



4280916050



4278228694

# Rectangle

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



4290602423



4292631145



4280916050



4278230179



# Sweetspot

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



4290602423



4294300658



4285228477



4286211705



4294638330



4286216826



# Same Dimension

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



4290602423



4294274283



4290602379



4284372318



4288544915



4280221725



# Inverse Universe

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



4290602423



4294274283



4284857751



4284372318



4288544915



4280221725



# Previews

## White Background



This preview shows how the Android color 4290602423 looks on a white background.

## Color Contrast Check

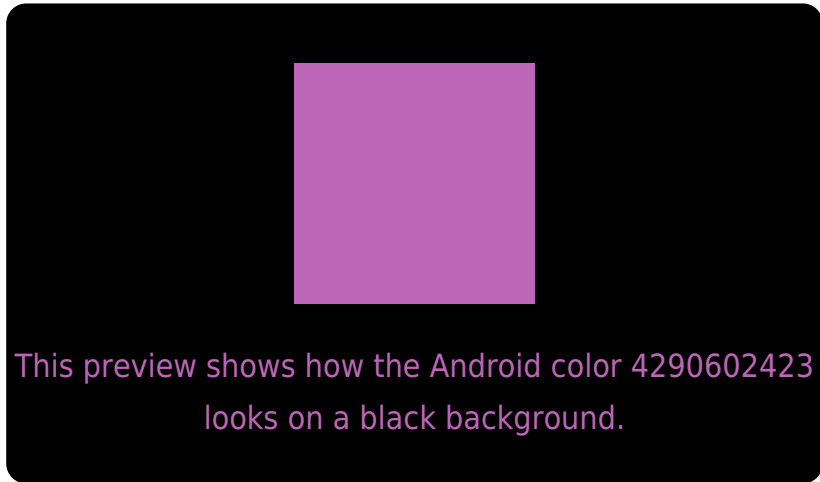
Large Text (above 18pt) WCAG AA ✓ Pass

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

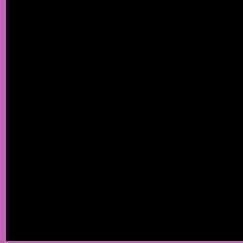
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4290602423 Background



This preview shows how black text looks on a background with the Android color 4290602423.



This preview shows how white text looks on a background with the Android color 4290602423.

# 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





**Tritanopia**  
4290147195

# Trichromacy



**Original Color**

4290602423



**Protanomaly**

4287133894



**Deuteranomaly**

4287855028



**Tritanomaly**

4290342545

# Monochromacy



**Original Color**

4290602423



**Achromatopsia**

4287203721



**Achromatomaly**

4288445594

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290602423 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(189, 101, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 101, 183) }
```

## Border

The CSS property to change the border of an element to Android 4290602423 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, 183) }
```

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

```
.border{ border-color:rgb(189, 101, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 101, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 101, 183);  
box-shadow:4px 4px 4px 4px rgb(189, 101,  
183) }
```

# Background

The CSS property to change the background color of an element to Android 4290602423 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, 183) }
```

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

```
.background{ background-color: rgb(189,  
101, 183) }
```

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