

# Converting Colors

Android(4291322303)

Have a look what the booklet for  
Android(4291322303) contains.

<b>Android(4291322303)</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(4291322303)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C861BF
RGB	200, 97, 191
RGB Percent	78%, 38%, 75%
CMY	0.2157, 0.6196, 0.2510
CMYK	0.00, 0.52, 0.04, 0.22
HSL	305°, 48%, 58%
HSV	305°, 52%, 78%
XYZ	37.4981, 24.5903, 52.0603
YIQ	138.5130, 31.2140, 51.0700

# Conversions

## Conversions Part 2

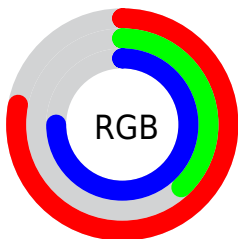
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 97, 191
Decimal	13132223
CIE <sub>Lab</sub>	56.67, 53.46, -31.09
CIE <sub>LCh</sub>	57, 61.846, 329.820
Yxy	24.5903, 0.3285, 0.2154
Android (android.graphics.Color)	4291322303 (0xFFC861BF)
YUV	138.5130, 25.8761, 53.9241
Hunter-Lab	49.5886, 48.1985, -27.5331

# Details

The Android color `4291322303` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4284598378`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4294940664`, and `4287638153` is the 20% darker color. If you saturate the color by 10%, you get `4291317181`, and if you desaturate by 10%, it is `4291327425`.

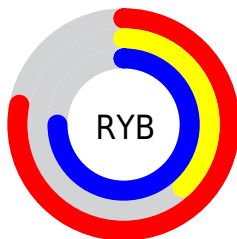
# Distribution



Red (78%)

Green (38%)

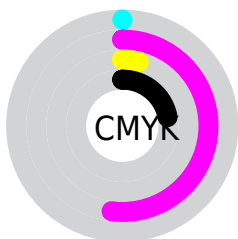
Blue (75%)



Red (78%)

Yellow (38%)

Blue (75%)

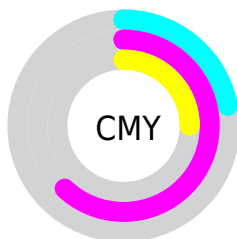


Cyan (0%)

Magenta (52%)

Yellow (4%)

Black (22%)



Cyan (22%)

Magenta (62%)


Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291322303 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 4291322303 by changing the saturation by 10% instead.



 4291322303

 4291322303

4294967295

 4289414820

 4294940664

 4287638153

 4294947839

 4285793391

 4294955263

 4284022871


 4294962687


 4282318911

 4280811561


 4278190354


 4278190080


 4291322303

 4291322303

 4291317181

 4291327425

 4291312060

 4291332546

 4291306938

 4291337668


 4291301816


 4291342790

 4291297463

 4291347912

 4291353033

 4291358155

 4291362765

 4291362767

# Harmonies

## Analogous

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



4286937830



4291322303



4293284491

# Triad

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



4291322303



4288840960



4278231228

# Complementary

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



4291322303



4284598378

# 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.



4278231430



4291322303



4285371421

# Square

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



4291322303



4291588135



4278230351



4278229989

# Rectangle

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



4291322303



4293416295



4278230351



4278231467



# Sweetspot

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



4291322303



4294957564



4285161928



4286605693



4278190080



4286611584



# Same Dimension

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



4291322303



4294926833



4291322252



4284701283



4288872597



4280549409



# Inverse Universe

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



4291322303



4294926833



4284598429



4284701283



4288872597



4280549409



# Previews

## White Background



This preview shows how the Android color 4291322303 looks on a white background.

## Color Contrast Check

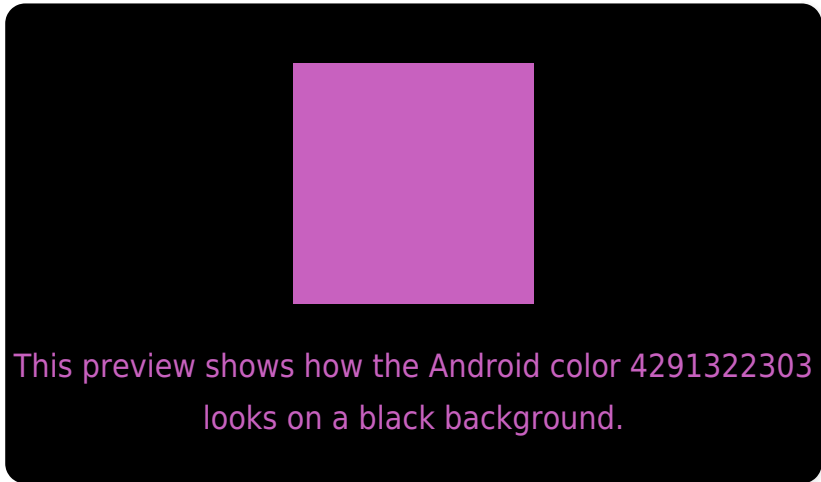
Large Text (above 18pt) WCAG AA ✓ Pass

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

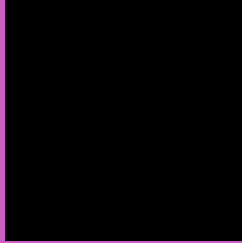
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4291322303 Background



This preview shows how black text looks on a background with the Android color 4291322303.



This preview shows how white text looks on a background with the Android color 4291322303.

# 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**  
4291322303



**Protanomaly**  
4287265234



**Deuteranomaly**  
4288117179



**Tritanomaly**  
4290997395

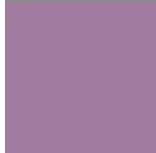
# Monochromacy



**Original Color**  
4291322303



**Achromatopsia**  
4287335307



**Achromatomaly**  
4288773278

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291322303 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(200, 97, 191)` looks like.

```
.text, #text, p{  
    color:rgb(200, 97, 191)  
}
```

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(200, 97, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 97, 191) }
```

## Border

The CSS property to change the border of an element to Android 4291322303 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(200, 97, 191) }
```

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

```
.border{ border-color:rgb(200, 97, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 97, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 97, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 97, 191);  
box-shadow:4px 4px 4px 4px rgb(200, 97,  
191) }
```

# Background

The CSS property to change the background color of an element to Android 4291322303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 97, 191) }
```

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

```
.background{ background-color: rgb(200, 97,  
191) }
```

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