

# Converting Colors

Android(4291193291)

Have a look what the booklet for  
Android(4291193291) contains.

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# **Color**

**Android(4291193291)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C669CB
RGB	198, 105, 203
RGB Percent	78%, 41%, 80%
CMY	0.2235, 0.5882, 0.2039
CMYK	0.02, 0.48, 0.00, 0.20
HSL	297°, 49%, 60%
HSV	297°, 48%, 80%
XYZ	39.1198, 26.4207, 59.5378
YIQ	143.9790, 23.9700, 50.1940

# Conversions

## Conversions Part 2

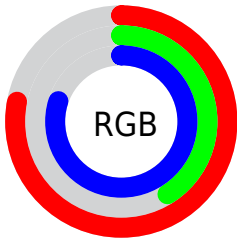
Format	Color
<a href="#">RYB</a>	<a href="#">198, 105, 203</a>
Decimal	<a href="#">13003211</a>
CIELab	<a href="#">58.43, 51.09, -35.21</a>
CIELCh	<a href="#">58, 62.047, 325.424</a>
Yxy	<a href="#">26.4207, 0.3128, 0.2112</a>
Android (android.graphics.Color)	<a href="#">4291193291 (0xFFC669CB)</a>
YUV	<a href="#">143.9790, 29.0974, 47.3764</a>
Hunter-Lab	<a href="#">51.4011, 45.8989, -32.6947</a>

# Details

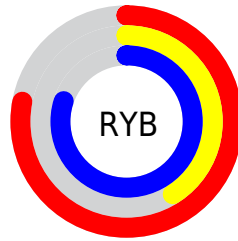
The Android color `4291193291` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4285451113`, and the grayscale version is `4287664272`.

A 20% lighter version of the original color is `4294942719`, and `4287509652` is the 20% darker color. If you saturate the color by 10%, you get `4291122635`, and if you desaturate by 10%, it is `4291263947`.

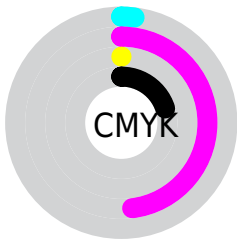
# Distribution



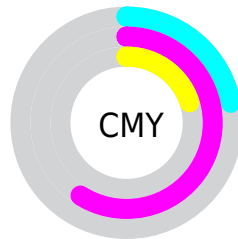
- Red (78%)
- Green (41%)
- Blue (80%)



- Red (78%)
- Yellow (41%)
- Blue (80%)



- Cyan (2%)
- Magenta (48%)
- Yellow (0%)
- Black (20%)




- Cyan (22%)
- Magenta (59%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291193291 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 4291193291 by changing the saturation by 10% instead.



 4291193291

 4291193291

4294967295

 4289351599

 4294942719

 4287509652

 4294949887

 4285732474

 4294957311

 4283957345


 4294964735

 4282253385

 4280811570

 4278190364

 4278190080

 4291193291

 4291193291

4291122635

4291263947

4291051723

4291334859

4290981067

4291405515

4290910411

4291476171

4290839499

4291547083

4290838731

4291617739

4291688395

4291755979

4291821515

# Harmonies

## Analogous

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



4286350063



4291193291



4293482391

# Triad

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



4291193291



4289627914



4278232762

# Complementary

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



4291193291



4285451113

# 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.



4278232450



4291193291



4286224155

# Square

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



4291193291



4292243762



4280983883



4278231525

# Rectangle

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



4291193291



4293810291



4280983883



4278232744



# Sweetspot

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



4291193291



4294827007



4285100235



4286474880



4278190080



4286611584



# Same Dimension

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



4291193291



4294405119



4291520929



4284832870



4288479398



4280549414



# Inverse Universe

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



4291520878



4294929267



4285123475



4284898396



4289069064

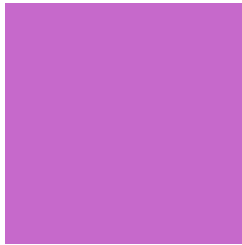


4280680450



# Previews

## White Background



This preview shows how the Android color 4291193291 looks on a white background.

## Color Contrast Check

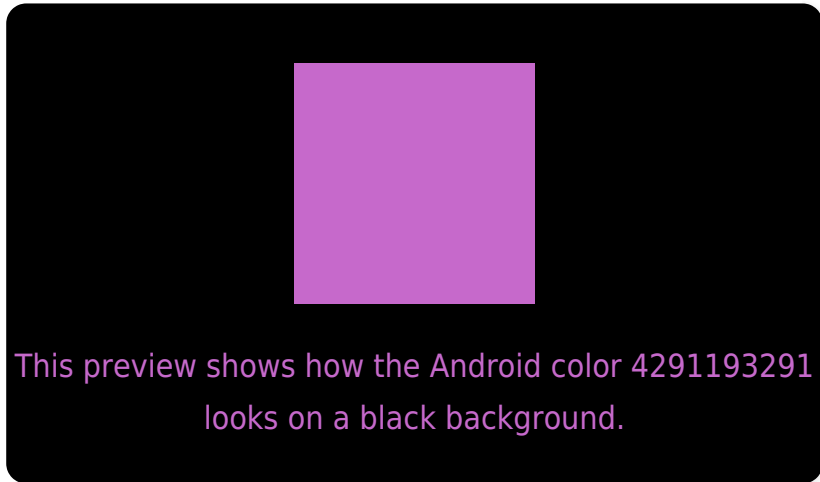
Large Text (above 18pt) WCAG AA ✓ Pass

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

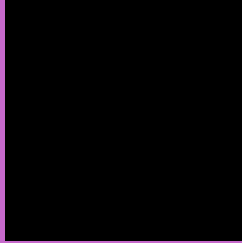
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4291193291 Background



This preview shows how black text looks on a background with the Android color 4291193291.



This preview shows how white text looks on a background with the Android color 4291193291.

# 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**  
4291193291



**Protanomaly**  
4287266525



**Deuteranomaly**  
4288053191

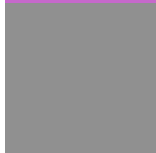


**Tritanomaly**  
4290802845

# Monochromacy



**Original Color**  
4291193291



**Achromatopsia**  
4287664272



**Achromatomaly**  
4288971429

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291193291 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(198, 105, 203)` looks like.

```
.text, #text, p{  
    color:rgb(198, 105, 203)  
}
```

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(198, 105, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 105, 203) }
```

## Border

The CSS property to change the border of an element to Android 4291193291 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(198, 105, 203) }
```

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

```
.border{ border-color:rgb(198, 105, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 105, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 105, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 105, 203);  
box-shadow:4px 4px 4px 4px rgb(198, 105,  
203) }
```

# Background

The CSS property to change the background color of an element to Android 4291193291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 105, 203) }
```

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

```
.background{ background-color: rgb(198,  
105, 203) }
```

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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