

# Converting Colors

Android(4291595210)

Have a look what the booklet for  
Android(4291595210) contains.

<b>Android(4291595210)</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(4291595210)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC8BCA
RGB	204, 139, 202
RGB Percent	80%, 55%, 79%
CMY	0.2000, 0.4549, 0.2078
CMYK	0.00, 0.32, 0.01, 0.20
HSL	302°, 39%, 67%
HSV	302°, 32%, 80%
XYZ	44.7951, 35.5669, 60.3812
YIQ	165.6170, 18.5170, 33.3730

# Conversions

## Conversions Part 2

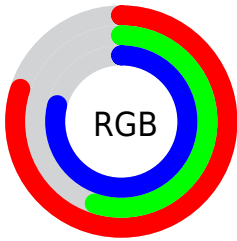
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 139, 202
Decimal	13405130
CIE <sub>Lab</sub>	66.19, 34.85, -22.61
CIE <sub>LCh</sub>	66, 41.542, 327.022
Yxy	35.5669, 0.3183, 0.2527
Android (android.graphics.Color)	4291595210 (0xFFCC8BCA)
YUV	165.6170, 17.9368, 33.6619
Hunter-Lab	59.6380, 29.7080, -18.2824

# Details

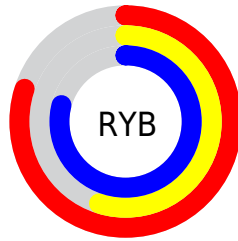
The Android color `4291595210` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4287351949`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4294951423`, and `4287977620` is the 20% darker color. If you saturate the color by 10%, you get `4291590089`, and if you desaturate by 10%, it is `4291600331`.

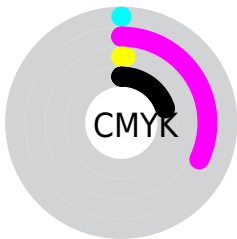
# Distribution



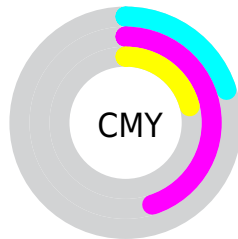
- Red (80%)
- Green (55%)
- Blue (79%)



- Red (80%)
- Yellow (55%)
- Blue (79%)



- Cyan (0%)
- Magenta (32%)
- Yellow (1%)
- Black (20%)




- Cyan (20%)
- Magenta (45%)
- Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291595210 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 4291595210 by changing the saturation by 10% instead.



 4291595210

 4291595210

4294967295

 4289753519

 4294951423

 4287977620

 4294958847

 4286201722

 4294966015


 4284491617


 4282846793


 4281270322

 4279762973


 4278190080

 4291595210

 4291595210

 4291590089


 4291600331

 4291584713


 4291605707


 4291579592

 4291610828

 4291574215


 4291616205

 4291569095

 4291621325

 4291563974

 4291624910

 4291559622

 4291624911

 4291624912

# Harmonies

## Analogous

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



4288649699



4291595210



4293165990

# Triad

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



4291595210



4290551125



4278236354

# Complementary

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



4291595210



4287351949

# 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.



4280988828



4291595210



4288063837

# Square

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



4291595210



4292382819



4285116535



4278235103

# Rectangle

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



4291595210



4293493901



4285116535



4278236341



# Sweetspot

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



4291595210



4294960894



4287400908



4286607487



4278190080



4286611584



# Same Dimension

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



4291595210



4294942460



4291595178



4284898406



4289069217



4280680485



# Inverse Universe

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



4291595210



4294942460



4287351981



4284898406



4289069217

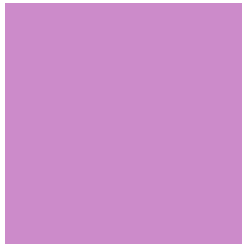


4280680485



# Previews

## White Background



This preview shows how the Android color 4291595210 looks on a white background.

## Color Contrast Check

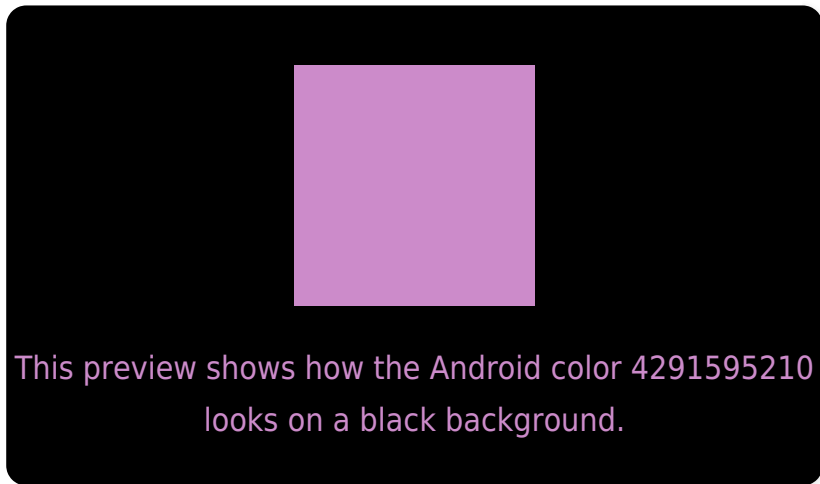
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



# Android 4291595210 Background



This preview shows how black text looks on a background with the Android color 4291595210.



This preview shows how white text looks on a background with the Android color 4291595210.

# 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



**Original Color**  
4291595210

**Protanopia**  
4287733721

**Deuteranopia**  
4288585414



**Tritanopia**  
4291203999

# Trichromacy



**Original Color**  
4291595210



**Protanomaly**  
4289108180



**Deuteranomaly**  
4289697735

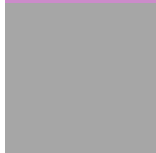


**Tritanomaly**  
4291334319

# Monochromacy



**Original Color**  
4291595210



**Achromatopsia**  
4289111718



**Achromatomaly**  
4290026675

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291595210 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(204, 139, 202)` looks like.

```
.text, #text, p{  
    color:rgb(204, 139, 202)  
}
```

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(204, 139, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 139, 202) }
```

## Border

The CSS property to change the border of an element to Android 4291595210 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(204, 139, 202) }
```

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

```
.border{ border-color:rgb(204, 139, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 139, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 139, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 139, 202);  
box-shadow:4px 4px 4px 4px rgb(204, 139,  
202) }
```

# Background

The CSS property to change the background color of an element to Android 4291595210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 139, 202) }
```

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

```
.background{ background-color: rgb(204,  
139, 202) }
```

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