

# Converting Colors

Android(4291509636)

Have a look what the booklet for  
Android(4291509636) contains.

<b>Android(4291509636)</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(4291509636)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB3D84
RGB	203, 61, 132
RGB Percent	80%, 24%, 52%
CMY	0.2039, 0.7608, 0.4824
CMYK	0.00, 0.70, 0.35, 0.20
HSL	330°, 58%, 52%
HSV	330°, 70%, 80%
XYZ	30.4622, 17.6999, 23.6407
YIQ	111.5520, 61.8410, 52.1850

# Conversions

## Conversions Part 2

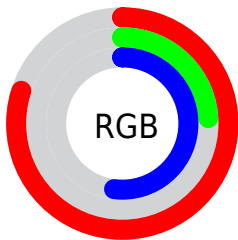
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 61, 132
Decimal	13319556
CIE <sub>Lab</sub>	49.13, 61.44, -7.91
CIE <sub>LCh</sub>	49, 61.946, 352.660
Yxy	17.6999, 0.4242, 0.2465
Android (android.graphics.Color)	4291509636 (0xFFCB3D84)
YUV	111.5520, 10.0809, 80.1999
Hunter-Lab	42.0713, 55.6202, -3.8663

# Details

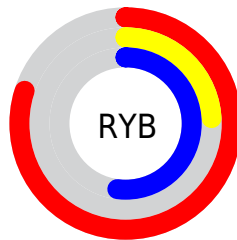
The Android color **4291509636** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **4282239876**, and the grayscale version is **4285493103**.

A 20% lighter version of the original color is **4294932409**, and **4287627347** is the 20% darker color. If you saturate the color by 10%, you get **4291504506**, and if you desaturate by 10%, it is **4291514766**.

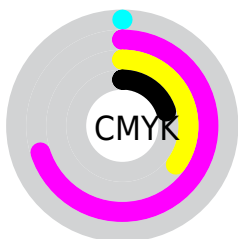
# Distribution



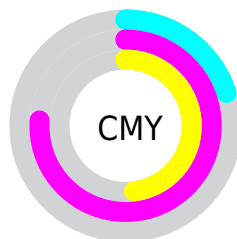
- Red (80%)
- Green (24%)
- Blue (52%)



- Red (80%)
- Yellow (24%)
- Blue (52%)



- Cyan (0%)
- Magenta (70%)
- Yellow (35%)
- Black (20%)



- Cyan (20%)
- Magenta (76%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291509636 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 4291509636 by changing the saturation by 10% instead.





4291509636



4291509636

4294967295



4289534571



4294932409



4287627347



4294939605



4285792316



4294946801



4283891750



4294954239



4282253329



4294961919



4280025089



4278190080



4291509636



4291509636



4291504506





4291514766


 4291499120


 4291520152


 4291493990

 4291525282

 4291530413

 4291535799

 4291540929

 4291546059

 4291551189

 4291556575

# Harmonies

## Analogous

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



4289156021



4291509636



4291838032

# Triad

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



4291509636



4284907008



4278225352

# Complementary

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



4291509636



4282239876

# 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.



4278226076



4291509636



4279273264

# Square

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



4291509636



4288114176



4278226022



4278222814

# Rectangle

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



4291509636



4291120943



4278226022



4278225851



# Sweetspot

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



4291509636



4294953444



4286856651



4286603376



4278190080



4286611584



# Same Dimension

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



4291509636



4294912404



4291509565



4284898401



4289069139



4280680467



# Inverse Universe

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



4291509636



4294912404



4282239947



4284898401



4289069139



4280680467



# Previews

## White Background



This preview shows how the Android color 4291509636 looks on a white background.

## Color Contrast Check

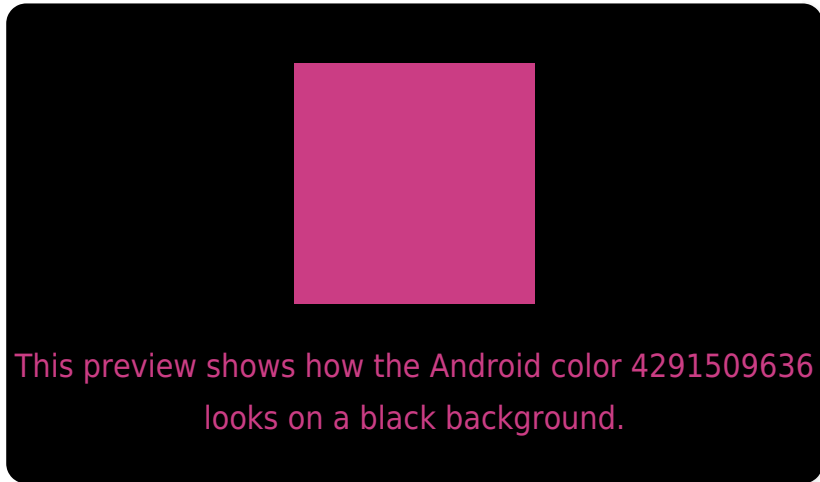
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4291509636 Background



This preview shows how black text looks on a background with the Android color 4291509636.



This preview shows how white text looks on a background with the Android color 4291509636.

# Color Blindness Simulation

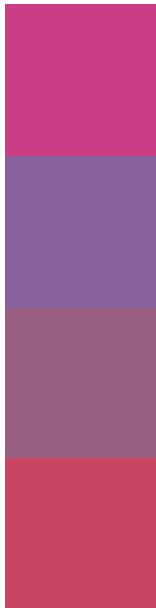
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



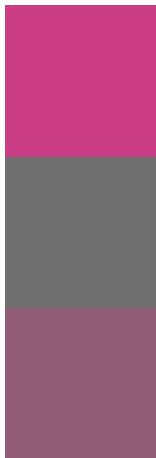
**Original Color**  
4291509636

**Protanomaly**  
4287193244

**Deuteranomaly**  
4288241536

**Tritanomaly**  
4291315298

# Monochromacy



**Original Color**  
4291509636

**Achromatopsia**  
4285558896

**Achromatomaly**  
4287716727

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291509636 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(203, 61, 132)` looks like.

```
.text, #text, p{  
    color:rgb(203, 61, 132)  
}
```

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(203, 61, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 61, 132) }
```

## Border

The CSS property to change the border of an element to Android 4291509636 is called "border". The border property can be set on classes, ids or directly on the HTML element.

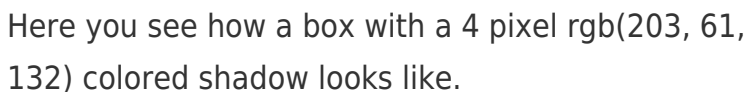
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 61, 132) }
```

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

```
.border{ border-color:rgb(203, 61, 132) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 61, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 61, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 61, 132); box-shadow:4px 4px 4px 4px rgb(203, 61, 132) }
```

# Background

The CSS property to change the background color of an element to Android 4291509636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 61, 132) }
```

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

```
.background{ background-color: rgb(203, 61,  
132) }
```

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