

# Converting Colors

Android(4291526889)

Have a look what the booklet for  
Android(4291526889) contains.

|  |    |
|--|----|
| <b>Android(4291526889)</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(4291526889)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | CB80E9                     |
| RGB           | 203, 128, 233              |
| RGB Percent   | 80%, 50%, 91%              |
| CMY           | 0.2039, 0.4980, 0.0863     |
| CMYK          | 0.13, 0.45, 0.00, 0.09     |
| HSL           | 283°, 70%, 71%             |
| HSV           | 283°, 45%, 91%             |
| XYZ           | 47.0558, 34.0180, 81.1768  |
| YIQ           | 162.3950, 10.9950, 48.5550 |

# Conversions

## Conversions Part 2

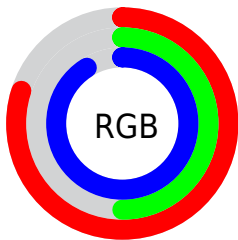
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 203, 128, 233                 |
| Decimal                             | 13336809                      |
| CIE <sub>Lab</sub>                  | 64.98, 46.51, -41.74          |
| CIE <sub>LCh</sub>                  | 65, 62.487, 318.094           |
| Y <sub>xy</sub>                     | 34.0180, 0.2900,<br>0.2097    |
| Android<br>(android.graphics.Color) | 4291526889<br>(0xFFCB80E9)    |
| Y <sub>UV</sub>                     | 162.3950, 34.8083,<br>35.6106 |
| Hunter-Lab                          | 58.3250, 41.9425,<br>-41.6924 |

# Details

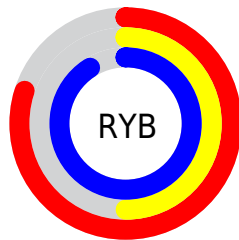
The Android color `4291526889` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4288604544`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4294948607`, and `4287843505` is the 20% darker color. If you saturate the color by 10%, you get `4291062249`, and if you desaturate by 10%, it is `4291991529`.

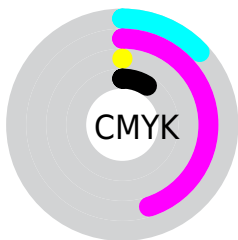
# Distribution



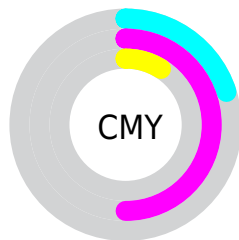
- Red (80%)
- Green (50%)
- Blue (91%)



- Red (80%)
- Yellow (50%)
- Blue (91%)



- Cyan (13%)
- Magenta (45%)
- Yellow (0%)
- Black (9%)




- Cyan (20%)
- Magenta (50%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291526889 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 4291526889 by changing the saturation by 10% instead.



 4291526889

 4291526889

4294967295

 4289685197

 4294948607

 4287843505

 4294956031

 4286067350

 4294963199

 4284291196

 4282581090


 4280942666

 4279107634


 4278190620

 4278190080

 4291526889

 4291526889

 4291062249

 4291991529

 4290662889

 4292390889

 4290198249

 4292855529

 4289733609

 4293320169

 4289334505

 4293719273

 4289069289

 4294180841

 4294639593

 4294967273

# Harmonies

## Analogous

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



4285831423



4291526889



4294470838

# Triad

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



4291526889



4291662631



4278237375

# Complementary

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



4291526889



4288604544

# 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.



4278237061



4291526889



4288324903

# Square

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



4291526889



4294147148



4283937103



4278236656

# Rectangle

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



4291526889



4294928529



4283937103



4278237356



# Sweetspot

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



4291526889



4294302719



4286619625



4286147200



4278190080



4286611584



# Same Dimension

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



4291526889



4292376063



4293492948



4285688437



4286644405



4280680502



# Inverse Universe

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



4293492894



4294931869



4286638485



4285885037



4290052148



4281729039



# Previews

## White Background



This preview shows how the Android color 4291526889 looks on a white background.

## Color Contrast Check

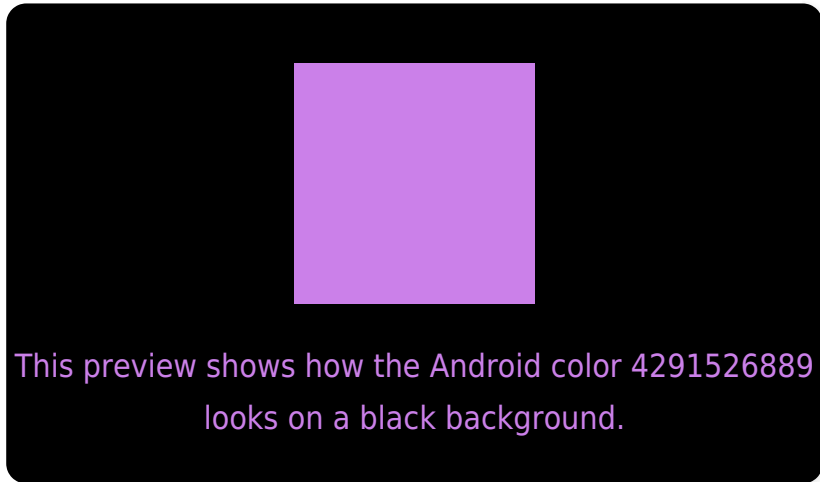
Large Text (above 18pt) WCAG AA × Fail

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

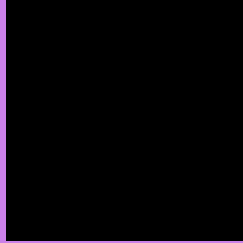
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291526889 Background



This preview shows how black text looks on a background with the Android color 4291526889.




This preview shows how white text looks on a background with the Android color 4291526889.

# 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**  
4290810269

# Trichromacy



**Original Color**  
4291526889



**Protanomaly**  
4288057847



**Deuteranomaly**  
4288516837

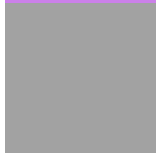


**Tritanomaly**  
4291070905

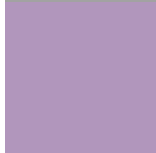
# Monochromacy



**Original Color**  
4291526889



**Achromatopsia**  
4288848546



**Achromatomaly**  
4289828540

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291526889 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, 128, 233)` looks like.

```
.text, #text, p{  
    color:rgb(203, 128, 233)  
}
```

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, 128, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 128, 233) }
```

## Border

The CSS property to change the border of an element to Android 4291526889 is called "border". The border property can be set on classes, ids or directly on the HTML element.

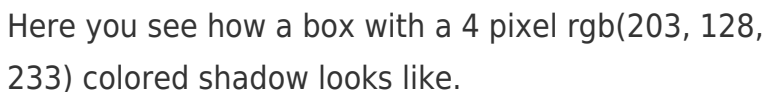
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 128, 233) }
```

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

```
.border{ border-color:rgb(203, 128, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 128, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 128, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 128, 233);  
box-shadow:4px 4px 4px 4px rgb(203, 128,  
233) }
```

# Background

The CSS property to change the background color of an element to Android 4291526889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 128, 233) }
```

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

```
.background{ background-color: rgb(203,  
128, 233) }
```

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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