

# Converting Colors

Android(4291671268)

Have a look what the booklet for  
Android(4291671268) contains.

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# **Color**

**Android(4291671268)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDB4E4
RGB	205, 180, 228
RGB Percent	80%, 71%, 89%
CMY	0.1961, 0.2941, 0.1059
CMYK	0.10, 0.21, 0.00, 0.11
HSL	271°, 47%, 80%
HSV	271°, 21%, 89%
XYZ	55.5017, 51.2231, 80.3606
YIQ	192.9470, -0.5080, 20.2280

# Conversions

## Conversions Part 2

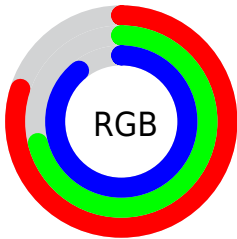
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 180, 228
Decimal	13481188
CIE <sub>Lab</sub>	76.81, 17.86, -20.72
CIE <sub>LCh</sub>	77, 27.353, 310.763
Yxy	51.2231, 0.2967, 0.2738
Android (android.graphics.Color)	4291671268 (0xFFCDB4E4)
YUV	192.9470, 17.2811, 10.5705
Hunter-Lab	71.5703, 13.1760, -16.4728

# Details

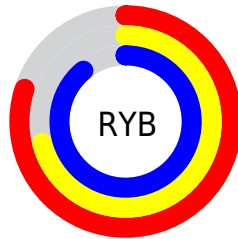
The Android color `4291671268` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4291552436`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4294962431`, and `4288053164` is the 20% darker color. If you saturate the color by 10%, you get `4290944484`, and if you desaturate by 10%, it is `4292398052`.

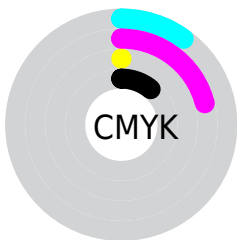
# Distribution



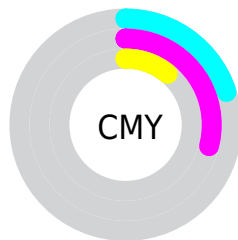
- Red (80%)
- Green (71%)
- Blue (89%)



- Red (80%)
- Yellow (71%)
- Blue (89%)



- Cyan (10%)
- Magenta (21%)
- Yellow (0%)
- Black (11%)




- Cyan (20%)
- Magenta (29%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291671268 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 4291671268 by changing the saturation by 10% instead.



 4291671268

 4291671268

4294967295

 4289829320

 4294962431

 4288053164

 4286342802

 4284698232

 4283119455

 4281540935

 4280093745

 4278190108

 4278190080

 4291671268

 4291671268

 4290944484

 4292398052

 4290217700

 4293124836

 4289491172

 4293851364

 4288764388

 4294574052

 4288037604

 4294967268

 4287310820

 4286649572

 4285989092

# Harmonies

## Analogous

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



4289445359



4291671268



4293307855

# Triad

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



4291671268



4292851342



4286106822

# Complementary

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



4291671268



4291552436

# 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.



4287548332



4291671268



4291280780

# Square

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



4291671268



4293832606



4289447575



4285844190

# Rectangle

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



4291671268



4293897150



4289447575



4286500029



# Sweetspot

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



4291671268



4294504703



4290038756



4286281600



4278190080



4286611584



# Same Dimension

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



4291671268



4292919295



4293178595



4285359987



4284285107



4279959603



# Inverse Universe

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



4293178571



4294950878



4290045109



4285753197



4289921110

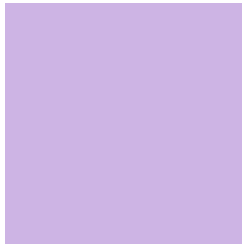


4281532440



# Previews

## White Background



This preview shows how the Android color 4291671268 looks on a white background.

## Color Contrast Check

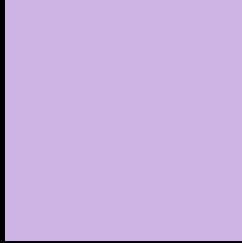
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4291671268 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

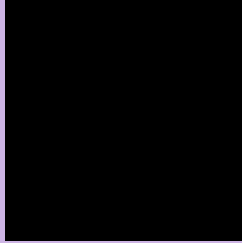
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Android 4291671268 Background



This preview shows how black text looks on a background with the Android color 4291671268.



This preview shows how white text looks on a background with the Android color 4291671268.

# 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**  
4291671268

**Protanopia**  
4289969385

**Deuteranopia**  
4290689507



**Tritanopia**  
4291344840

# Trichromacy



**Original Color**  
4291671268

**Protanomaly**  
4290558439

**Deuteranomaly**  
4291016675

**Tritanomaly**  
4291475410

# Monochromacy



**Original Color**  
4291671268

**Achromatopsia**  
4290888129

**Achromatomaly**  
4291149006

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291671268 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(205, 180, 228)` looks like.

```
.text, #text, p{  
    color:rgb(205, 180, 228)  
}
```

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(205, 180, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 180, 228) }
```

## Border

The CSS property to change the border of an element to Android 4291671268 is called "border". The border property can be set on classes, ids or directly on the HTML element.

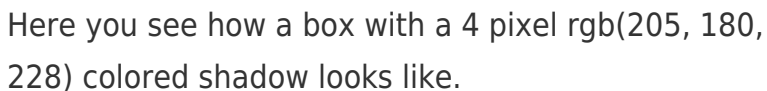
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 180, 228) }
```

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

```
.border{ border-color:rgb(205, 180, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 180, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 180, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 180, 228);  
box-shadow:4px 4px 4px 4px rgb(205, 180,  
228) }
```

# Background

The CSS property to change the background color of an element to Android 4291671268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 180, 228) }
```

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

```
.background{ background-color: rgb(205,  
180, 228) }
```

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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