

# Converting Colors

Android(4291874012)

Have a look what the booklet for  
Android(4291874012) contains.

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# **Color**

**Android(4291874012)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D0CCDC
RGB	208, 204, 220
RGB Percent	82%, 80%, 86%
CMY	0.1843, 0.2000, 0.1373
CMYK	0.05, 0.07, 0.00, 0.14
HSL	255°, 19%, 83%
HSV	255°, 7%, 86%
XYZ	60.5236, 61.7629, 76.4417
YIQ	207.0200, -2.7520, 5.8240

# Conversions

## Conversions Part 2

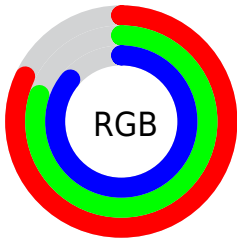
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 204, 220
Decimal	13683932
CIE <sub>Lab</sub>	82.79, 4.36, -7.43
CIE <sub>LCh</sub>	83, 8.614, 300.372
Yxy	61.7629, 0.3046, 0.3108
Android (android.graphics.Color)	4291874012 (0xFFD0CCDC)
YUV	207.0200, 6.3991, 0.8595
Hunter-Lab	78.5894, -0.0644, -2.6571

# Details

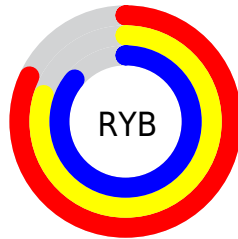
The Android color `4291874012` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `4292402380`, and the grayscale version is `4291809231`.

A 20% lighter version of the original color is `4294967295`, and `4288321189` is the 20% darker color. If you saturate the color by 10%, you get `4290754268`, and if you desaturate by 10%, it is `4292993756`.

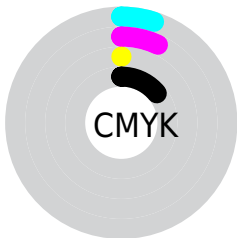
# Distribution



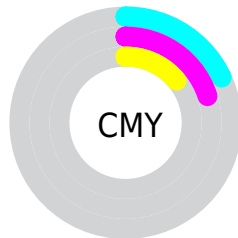
- Red (82%)
- Green (80%)
- Blue (86%)



- Red (82%)
- Yellow (80%)
- Blue (86%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (20%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291874012 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 4291874012 by changing the saturation by 10% instead.



■ 4291874012

4294967295

■ 4291874012

■ 4290032064

■ 4288321189

■ 4286610571

■ 4284965745

■ 4283386713

■ 4281873729

■ 4280426539

■ 4279043863

■ 4278190080

 4291874012

 4291874012

 4290754268

 4292993756

 4289700060

 4294047964

 4288580316

 4294967260

 4287526108

 4286406364

 4285352156

 4284232412

 4283178204

 4282058460

# Harmonies

## Analogous

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



4291219422



4291874012



4292463318

# Triad

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



4291874012



4292660160



4290565070

# Complementary

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



4291874012



4292402380

# 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.



4291023558



4291874012



4292202174

# Square

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



4291874012



4292921798



4291612864



4290434006

# Rectangle

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



4291874012



4292725201



4291612864



4290696139



# Sweetspot

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



4291874012



4294703871



4291614940



4286479744



4278190080



4286611584



# Same Dimension

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



4291874012



4293847295



4292398300



4284834670



4281008301



4278911022



# Inverse Universe

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



4292660440



4294961401



4291878092



4285424491



4289527938

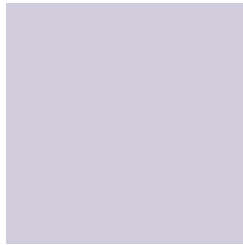


4281204770



# Previews

## White Background



This preview shows how the Android color 4291874012 looks on a white background.

## Color Contrast Check

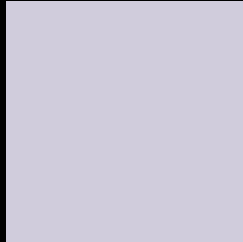
Large Text (above 18pt) WCAG AA × Fail

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 4291874012 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

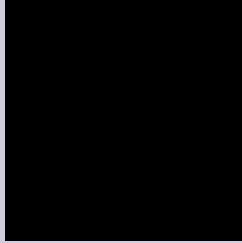
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291874012 Background



This preview shows how black text looks on a background with the Android color 4291874012.

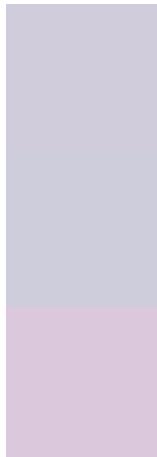


This preview shows how white text looks on a background with the Android color 4291874012.

# 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**  
4291874012

**Protanopia**  
4291677660

**Deuteranopia**  
4292593885



**Tritanopia**  
4291874012

# Trichromacy



**Original Color**  
4291874012

**Protanomaly**  
4291743196

**Deuteranomaly**  
4292331997

**Tritanomaly**  
4291874012

# Monochromacy



**Original Color**  
4291874012

**Achromatopsia**  
4291809231

**Achromatomaly**  
4291808980

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291874012 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(208, 204, 220)` looks like.

```
.text, #text, p{  
    color:rgb(208, 204, 220)  
}
```

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(208, 204, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 204, 220) }
```

## Border

The CSS property to change the border of an element to Android 4291874012 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(208, 204, 220) }
```

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

```
.border{ border-color:rgb(208, 204, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 204, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 204, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 204, 220);  
box-shadow:4px 4px 4px 4px rgb(208, 204,  
220) }
```

# Background

The CSS property to change the background color of an element to Android 4291874012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 204, 220) }
```

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

```
.background{ background-color: rgb(208,  
204, 220) }
```

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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