

# Converting Colors

Android(4292333304)

Have a look what the booklet for  
Android(4292333304) contains.

|  |    |
|--|----|
| <b>Android(4292333304)</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(4292333304)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | D7CEF8                     |
| RGB         | 215, 206, 248              |
| RGB Percent | 84%, 81%, 97%              |
| CMY         | 0.1569, 0.1922, 0.0275     |
| CMYK        | 0.13, 0.17, 0.00, 0.03     |
| HSL         | 253°, 75%, 89%             |
| HSV         | 253°, 17%, 97%             |
| XYZ         | 67.0389, 65.3670, 97.8907  |
| YIQ         | 213.4790, -8.1180, 14.9700 |

# Conversions

## Conversions Part 2

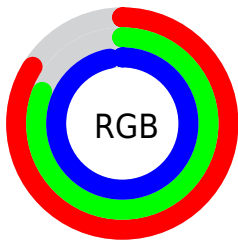
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 215, 206, 248                |
| Decimal                             | 14143224                     |
| CIE Lab                             | 84.67, 11.14, -19.46         |
| CIE LCh                             | 85, 22.421, 299.797          |
| Yxy                                 | 65.3670, 0.2911,<br>0.2838   |
| Android<br>(android.graphics.Color) | 4292333304<br>(0xFFD7CEF8)   |
| YUV                                 | 213.4790, 17.0189,<br>1.3339 |
| Hunter-Lab                          | 80.8499, 6.5210,<br>-15.1917 |

# Details

The Android color `4292333304` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4293916878`, and the grayscale version is `4292203989`.

A 20% lighter version of the original color is `4294967295`, and `4288714944` is the 20% darker color. If you saturate the color by 10%, you get `4291081720`, and if you desaturate by 10%, it is `4293584888`.

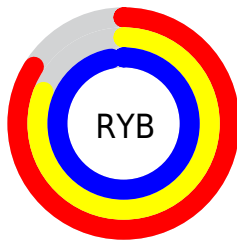
# Distribution



Red (84%)

Green (81%)

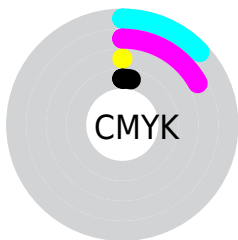
Blue (97%)



Red (84%)

Yellow (81%)

Blue (97%)

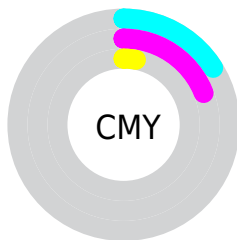


Cyan (13%)

Magenta (17%)

Yellow (0%)

Black (3%)



Cyan (16%)

Magenta (19%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292333304 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 4292333304 by changing the saturation by 10% instead.



 4292333304

 4292333304

4294967295

 4290491355

 4288714944

 4287004324

 4285293962

 4283649392

 4282136152

 4280623424

 4279307050

 4278190357

 4292333304

 4292333304

 4291081720

 4293584888

 4289764600

 4294901752

 4288513272

 4294967288


 4287196152

 4285944568

 4284627448

 4283375864

 4282059000

 4281663736

# Harmonies

## Analogous

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



4290500093



4292333304



4293904617

# Triad

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



4292333304



4294364080



4288798930

# Complementary

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



4292333304



4293916878

# 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.



4290108861



4292333304



4293186217

# Square

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



4292333304



4294952639



4291680430



4288339944

# Rectangle

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



429233304



4294624731



4291680430



4289191883



# Sweetspot

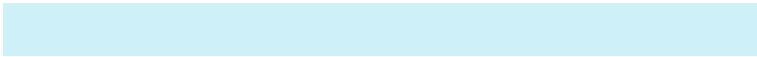
The Sweet Spot groups the original color and five complimentary colors.



4292333304



4294308607



4291752184



4286150784



4278190080



4286611584



# Same Dimension

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



4292333304



4292332799



4293644024



4285755517



4280811709



4279042109



# Inverse Universe

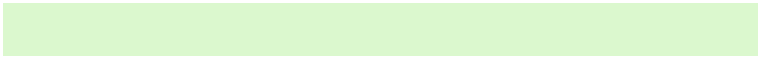
The Inverse Universe completely reimagines the original color for something new.



4294495983



4294954228



4292606158



4286410874



4290576532

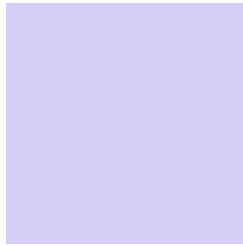


4282187824



# Previews

## White Background



This preview shows how the Android color 4292333304 looks on a white background.

## Color Contrast Check

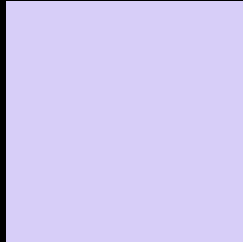
Large Text (above 18pt) WCAG AA × Fail

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 4292333304 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

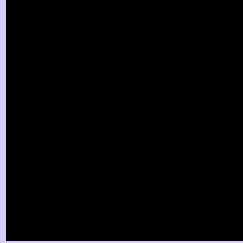
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4292333304 Background



This preview shows how black text looks on a background with the Android color 4292333304.

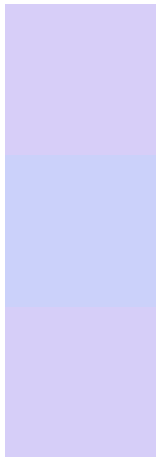


This preview shows how white text looks on a background with the Android color 4292333304.

# 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**  
4292333304

**Protanopia**  
4291547642

**Deuteranopia**  
4292267768



**Tritanopia**  
4292072162

# Trichromacy



**Original Color**  
4292333304

**Protanomaly**  
4291809529

**Deuteranomaly**  
4292267768

**Tritanomaly**  
4292137450

# Monochromacy



**Original Color**  
4292333304

**Achromatopsia**  
4292203989

**Achromatomaly**  
4292268770

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292333304 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(215, 206, 248)` looks like.

```
.text, #text, p{  
    color:rgb(215, 206, 248)  
}
```

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(215, 206, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 206, 248) }
```

## Border

The CSS property to change the border of an element to Android 4292333304 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(215, 206, 248) }
```

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

```
.border{ border-color:rgb(215, 206, 248) }
```

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

Here you see how a box with a 4 pixel rgb(215, 206, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 206, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 206, 248);  
box-shadow:4px 4px 4px 4px rgb(215, 206,  
248) }
```

# Background

The CSS property to change the background color of an element to Android 4292333304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 206, 248) }
```

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

```
.background{ background-color: rgb(215,  
206, 248) }
```

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