

# Converting Colors

Android(4291133682)

Have a look what the booklet for  
Android(4291133682) contains.

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# **Color**

**Android(4291133682)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C580F2
RGB	197, 128, 242
RGB Percent	77%, 50%, 95%
CMY	0.2275, 0.4980, 0.0510
CMYK	0.19, 0.47, 0.00, 0.05
HSL	276°, 81%, 73%
HSV	276°, 47%, 95%
XYZ	46.7721, 33.7195, 88.0477
YIQ	161.6270, 4.5300, 50.0820

# Conversions

## Conversions Part 2

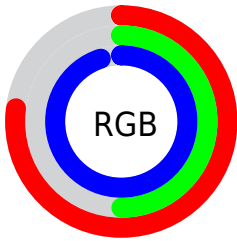
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">197, 128, 242</a>
Decimal	<a href="#">12943602</a>
CIELab	<a href="#">64.74, 46.73, -47.12</a>
CIELCh	<a href="#">65, 66.368, 314.761</a>
Yxy	<a href="#">33.7195, 0.2775, 0.2001</a>
Android (android.graphics.Color)	<a href="#">4291133682</a> ( <a href="#">0xFFC580F2</a> )
YUV	<a href="#">161.6270, 39.6239, 31.0221</a>
Hunter-Lab	<a href="#">58.0685, 42.1558, -49.2520</a>

# Details

The Android color `4291133682` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4289589888`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4294948607`, and `4287450297` is the 20% darker color. If you saturate the color by 10%, you get `4290472178`, and if you desaturate by 10%, it is `4291795186`.

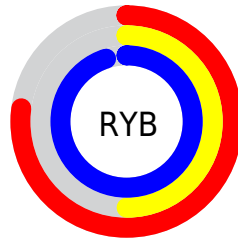
# Distribution



Red (77%)

Green (50%)

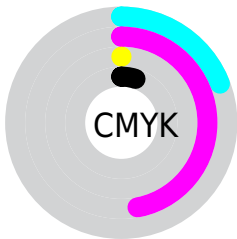
Blue (95%)



Red (77%)

Yellow (50%)

Blue (95%)

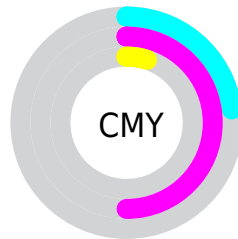


Cyan (19%)

Magenta (47%)

Yellow (0%)

Black (5%)



Cyan (23%)

Magenta (50%)


Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291133682 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 4291133682 by changing the saturation by 10% instead.



 4291133682

 4291133682

4294967295

 4289291989

 4294948607

 4287450297

 4294955775

 4285608862

 4294963199

 4283897987

 4282122346

 4280352849

 4278190137

 4278190626

 4278190089

4291133682

4291133682

4290472178

4291795186

4289876210

4292391154

4289214450

4293052914

4288618482

4293648882

4287956978

4294310386

4287758578

4294901746

4294967282

# Harmonies

## Analogous

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



4284259071



4291133682



4294535358

# Triad

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



4291133682



4292120350



4278237626

# Complementary

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



4291133682



4289589888

# 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.



4278237052



4291133682



4288652053

# Square

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



4291133682



4294538827



4284133442



4278236912

# Rectangle

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



4291133682



4294926998



4284133442



4278237605



# Sweetspot

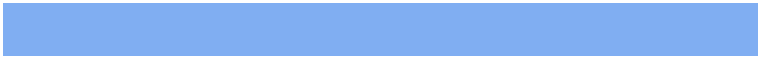
The Sweet Spot groups the original color and five complimentary colors.



4291133682



4294040575



4286623474



4286016128



4278190080



4286611584



# Same Dimension

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



4291133682



4291194623



4294082791



4285754488



4285464760



4280418360



# Inverse Universe

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



4294082733



4294930087



4286640779



4286082161



4290248776

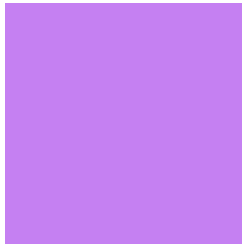


4281860118



# Previews

## White Background



This preview shows how the Android color 4291133682 looks on a white background.

## Color Contrast Check

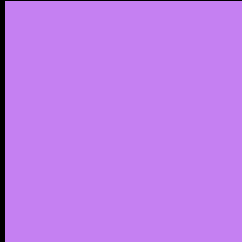
Large Text (above 18pt) WCAG AA × Fail

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 4291133682 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 4291133682 Background



This preview shows how black text looks on a background with the Android color 4291133682.



This preview shows how white text looks on a background with the Android color 4291133682.

# 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**  
4291133682



**Protanomaly**  
4287795706



**Deuteranomaly**  
4287992558



**Tritanomaly**  
4290612413

# Monochromacy



**Original Color**  
4291133682



**Achromatopsia**  
4288848546



**Achromatomaly**  
4289697471

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291133682 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(197, 128, 242)` looks like.

```
.text, #text, p{  
    color:rgb(197, 128, 242)  
}
```

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(197, 128, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 128, 242) }
```

## Border

The CSS property to change the border of an element to Android 4291133682 is called "border". The border property can be set on classes, ids or directly on the HTML element.

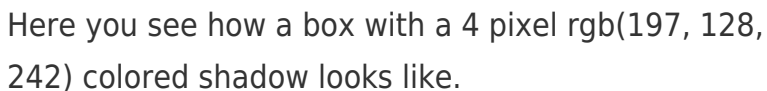
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 128, 242) }
```

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

```
.border{ border-color:rgb(197, 128, 242) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 128, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 128, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 128, 242); box-shadow:4px 4px 4px 4px rgb(197, 128, 242) }
```

# Background

The CSS property to change the background color of an element to Android 4291133682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 128, 242) }
```

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

```
.background{ background-color: rgb(197,  
128, 242) }
```

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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