

# Converting Colors

Android(4291004644)

Have a look what the booklet for  
Android(4291004644) contains.

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# **Color**

**Android(4291004644)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C388E4
RGB	195, 136, 228
RGB Percent	76%, 53%, 89%
CMY	0.2353, 0.4667, 0.1059
CMYK	0.14, 0.40, 0.00, 0.11
HSL	278°, 63%, 71%
HSV	278°, 40%, 89%
XYZ	45.3134, 34.8119, 77.7299
YIQ	164.1290, 5.6320, 41.1200

# Conversions

## Conversions Part 2

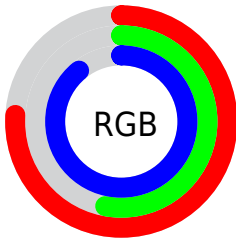
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 136, 228
Decimal	12814564
CIE Lab	65.60, 38.87, -38.05
CIE LCh	66, 54.395, 315.606
Yxy	34.8119, 0.2871, 0.2205
Android (android.graphics.Color)	4291004644 (0xFFC388E4)
YUV	164.1290, 31.4884, 27.0739
Hunter-Lab	59.0016, 33.8359, -36.8087

# Details

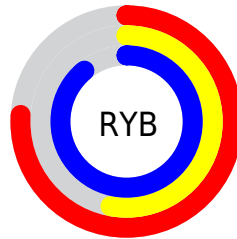
The Android color `4291004644` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4289324168`, and the grayscale version is `4288980132`.

A 20% lighter version of the original color is `4294819583`, and `4287387052` is the 20% darker color. If you saturate the color by 10%, you get `4290474468`, and if you desaturate by 10%, it is `4291534820`.

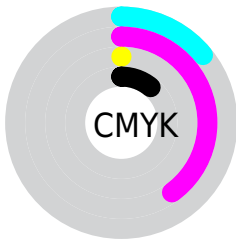
# Distribution



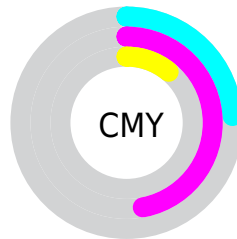
- Red (76%)
- Green (53%)
- Blue (89%)



- Red (76%)
- Yellow (53%)
- Blue (89%)



- Cyan (14%)
- Magenta (40%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (47%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291004644 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 4291004644 by changing the saturation by 10% instead.



 4291004644

 4291004644

4294967295

 4289162952

 4294819583

 4287387052

 4294957823

 4285611153

 4294965247

 4283901047

 4282190174

 4280614982

 4278714415


 4278190361

 4278190080

 4291004644

 4291004644

 4290474468

 4291534820

 4289944292

 4292064996

 4289348836

 4292660452

 4288818660

 4293190628

 4288288484

 4293720804

 4287758564

 4294246372

 4294770660

 4294967268

# Harmonies

## Analogous

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



4286094589



4291004644



4293753017

# Triad

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



4291004644



4291728446



4278237368

# Complementary

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



4291004644



4289324168

# 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.



4278236805



4291004644



4288849211

# Square

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



4291004644



4293821020



4285247576



4278236388

# Rectangle

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



4291004644



4294538392



4285247576



4278237095



# Sweetspot

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



4291004644



4294238463



4287146724



4286148224



4278190080



4286611584



# Same Dimension

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



4291004644



4292052479



4293167320



4285491059



4285661363



4280352819



# Inverse Universe

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



4293167273



4294935985



4287161492



4285753195



4289921088

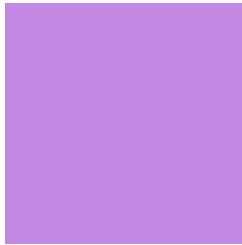


4281532434



# Previews

## White Background



This preview shows how the Android color 4291004644 looks on a white background.

## Color Contrast Check

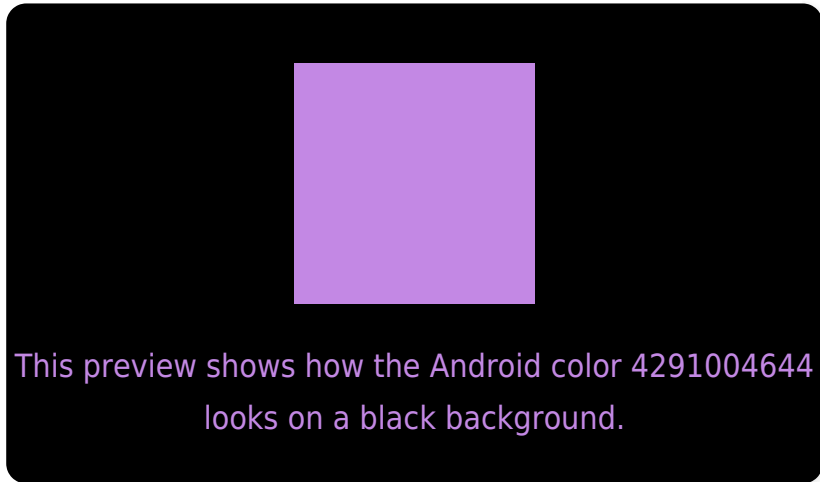
Large Text (above 18pt) WCAG AA × Fail

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 4291004644 Background



This preview shows how black text looks on a background with the Android color 4291004644.



This preview shows how white text looks on a background with the Android color 4291004644.

# 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**

4291004644



**Protanomaly**

4288189935



**Deuteranomaly**

4288583393



**Tritanomaly**

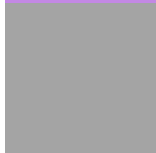
4290613690

# Monochromacy



**Original Color**

4291004644



**Achromatopsia**

4288980132



**Achromatomaly**

4289698491

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291004644 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(195, 136, 228)` looks like.

```
.text, #text, p{  
    color:rgb(195, 136, 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(195, 136, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 136, 228) }
```

## Border

The CSS property to change the border of an element to Android 4291004644 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(195, 136, 228) }
```

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

```
.border{ border-color:rgb(195, 136, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 136, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 136, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 136, 228);  
box-shadow:4px 4px 4px 4px rgb(195, 136,  
228) }
```

# Background

The CSS property to change the background color of an element to Android 4291004644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 136, 228) }
```

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

```
.background{ background-color: rgb(195,  
136, 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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