

# Converting Colors

Android(4291727853)

Have a look what the booklet for  
Android(4291727853) contains.

<b>Android(4291727853)</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(4291727853)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE91ED
RGB	206, 145, 237
RGB Percent	81%, 57%, 93%
CMY	0.1922, 0.4314, 0.0706
CMYK	0.13, 0.39, 0.00, 0.07
HSL	280°, 72%, 75%
HSV	280°, 39%, 93%
XYZ	50.8651, 39.4870, 85.0616
YIQ	173.7270, 6.8240, 41.5440

# Conversions

## Conversions Part 2

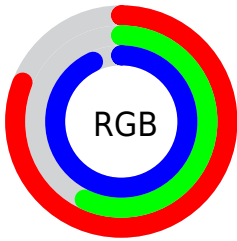
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">206, 145, 237</a>
Decimal	<a href="#">13537773</a>
CIELab	<a href="#">69.10, 39.12, -37.47</a>
CIElCh	<a href="#">69, 54.170, 316.234</a>
Yxy	<a href="#">39.4870, 0.2900, 0.2251</a>
Android (android.graphics.Color)	<a href="#">4291727853 (0xFFCE91ED)</a>
YUV	<a href="#">173.7270, 31.1936, 28.3034</a>
Hunter-Lab	<a href="#">62.8387, 34.5198, -36.2708</a>

# Details

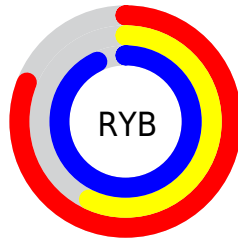
The Android color `4291727853` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4289785233`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4294953215`, and `4288044469` is the 20% darker color. If you saturate the color by 10%, you get `4291197421`, and if you desaturate by 10%, it is `4292258285`.

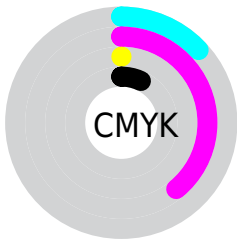
# Distribution



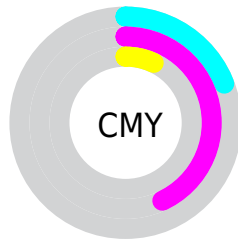
- Red (81%)
- Green (57%)
- Blue (93%)



- Red (81%)
- Yellow (57%)
- Blue (93%)



- Cyan (13%)
- Magenta (39%)
- Yellow (0%)
- Black (7%)




- Cyan (19%)
- Magenta (43%)
- Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291727853 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 4291727853 by changing the saturation by 10% instead.



 4291727853

 4291727853

4294967295

 4289886161

 4294953215

 4288044469

 4294960383

 4286268570

 4284558463


 4282848102


 4281204813


 4279894070

 4278190624

 4278190084

 4291727853

 4291727853

 4291197421

 4292258285

 4290667245

 4292788461

 4290136813

 4293318893

 4289606381

 4293849325

 4289075949

 4294377453

 4288545773

 4294901741

 4288479469

 4294967277

# Harmonies

## Analogous

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



4286948863



4291727853



4294476225

# Triad

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



4291727853



4292386375



4278239683

# Complementary

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



4291727853



4289785233

# 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.



4278239376



4291727853



4289441349

# Square

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



4291727853



4294478948



4285774434



4278238958

# Rectangle

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



4291727853



4294934176



4285774434



4278239666



# Sweetspot

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



4291727853



4294303999



4287738349



4286148224



4278190080



4286611584



# Same Dimension

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



4291727853



4292315135



4293759455



4285622901



4286054581



4280549430



# Inverse Universe

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



4293759408



4294936496



4287753631



4285885038



4290052157

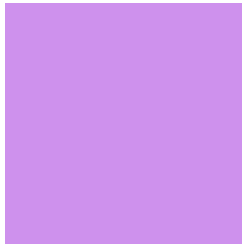


4281729042



# Previews

## White Background



This preview shows how the Android color 4291727853 looks on a white background.

## Color Contrast Check

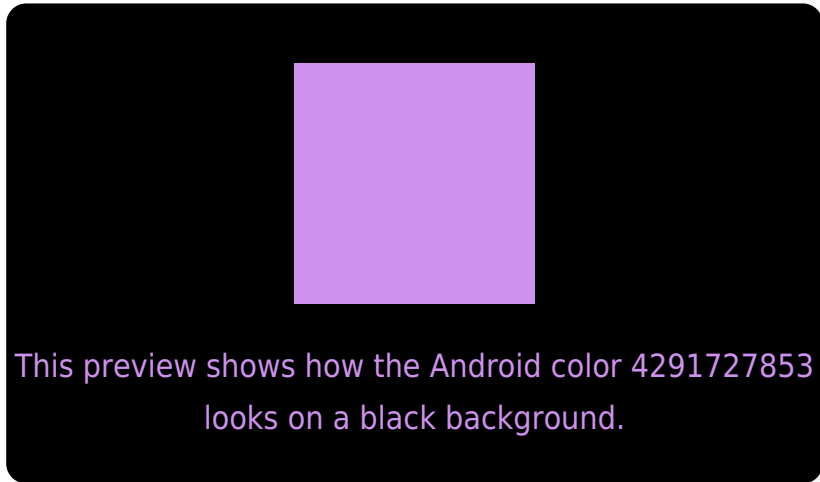
Large Text (above 18pt) WCAG AA × Fail

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 4291727853 Background



This preview shows how black text looks on a background with the Android color 4291727853.




This preview shows how white text looks on a background with the Android color 4291727853.

# 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





**Tritanopia**  
4291076011

# Trichromacy



**Original Color**  
4291727853



**Protanomaly**  
4288913144



**Deuteranomaly**  
4289372138



**Tritanomaly**  
4291336899

# Monochromacy



**Original Color**  
4291727853



**Achromatopsia**  
4289638062



**Achromatomaly**  
4290421701

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291727853 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(206, 145, 237)` looks like.

```
.text, #text, p{  
    color:rgb(206, 145, 237)  
}
```

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(206, 145, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 145, 237) }
```

## Border

The CSS property to change the border of an element to Android 4291727853 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(206, 145, 237) }
```

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

```
.border{ border-color:rgb(206, 145, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 145, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 145, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 145, 237);  
box-shadow:4px 4px 4px 4px rgb(206, 145,  
237) }
```

# Background

The CSS property to change the background color of an element to Android 4291727853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 145, 237) }
```

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

```
.background{ background-color: rgb(206,  
145, 237) }
```

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