

# Converting Colors

Android(4292776936)

Have a look what the booklet for  
Android(4292776936) contains.

<b>Android(4292776936)</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(4292776936)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE93E8
RGB	222, 147, 232
RGB Percent	87%, 58%, 91%
CMY	0.1294, 0.4235, 0.0902
CMYK	0.04, 0.37, 0.00, 0.09
HSL	293°, 65%, 74%
HSV	293°, 37%, 91%
XYZ	55.1234, 42.2232, 81.5885
YIQ	179.1150, 17.4150, 42.3350

# Conversions

## Conversions Part 2

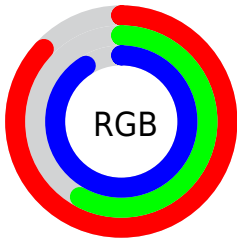
Format	Color
R <sub>Y</sub> B	222, 147, 232
Decimal	14586856
CIE Lab	71.02, 41.86, -31.62
CIE LCh	71, 52.459, 322.939
Yxy	42.2232, 0.3081, 0.2360
Android (android.graphics.Color)	4292776936 (0xFFDE93E8)
YUV	179.1150, 26.0723, 37.6101
Hunter-Lab	64.9794, 37.7114, -28.9593

# Details

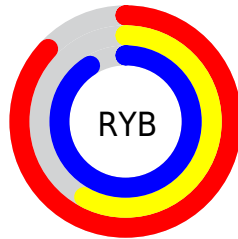
The Android color `4292776936` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4288538771`, and the grayscale version is `4289967027`.

A 20% lighter version of the original color is `4294953727`, and `4289093552` is the 20% darker color. If you saturate the color by 10%, you get `4292574440`, and if you desaturate by 10%, it is `4292979432`.

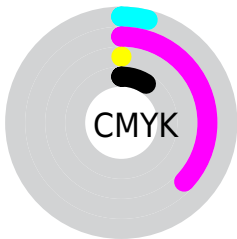
# Distribution



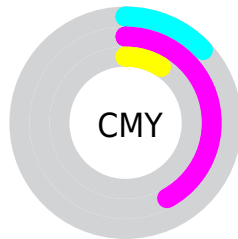
- Red (87%)
- Green (58%)
- Blue (91%)



- Red (87%)
- Yellow (58%)
- Blue (91%)



- Cyan (4%)
- Magenta (37%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (42%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292776936 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 4292776936 by changing the saturation by 10% instead.



 4292776936

 4292776936

4294967295

 4290869452

 4294953727

 4289093552

 4294961151

 4287251861

 4285541499

 4283830626

 4282187850

 4280746035

 4278190109

 4278190080

 4292776936

 4292776936

 4292574440

 4292979432

 4292437480

 4293116392

 4292234728


 4293319144

 4292032232

 4293521640

 4291829736

 4293722088

 4291692776

 4293853160

 4291625192

 4294049768

 4294246376

 4294442984

# Harmonies

## Analogous

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



4288653055



4292776936



4294936251

# Triad

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



4292776936



4292126540



4278240978

# Complementary

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



4292776936



4288538771

# 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.



4278240673



4292776936



4289050194

# Square

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



4292776936



4294350435



4285317234



4278239737

# Rectangle

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



4292776936



4294936219



4285317234



4278240962



# Sweetspot

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



4292776936



4294763519



4287864552



4286476160



4278190080



4286611584



# Same Dimension

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



4292776936



4294086655



4293432265



4285622131



4288544947



4281139251



# Inverse Universe

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



4293432221



4294938524



4287883442



4285753193



4289921045



4281532422



# Previews

## White Background



This preview shows how the Android color 4292776936 looks on a white background.

## Color Contrast Check

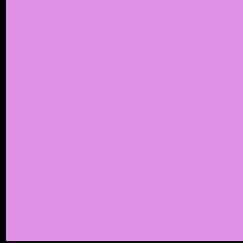
Large Text (above 18pt) WCAG AA × Fail

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 4292776936 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

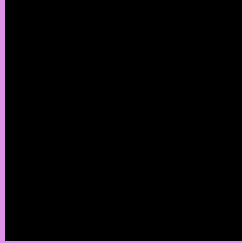
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4292776936 Background



This preview shows how black text looks on a background with the Android color 4292776936.



This preview shows how white text looks on a background with the Android color 4292776936.

# 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**

4292776936



**Protanomaly**

4289766388



**Deuteranomaly**

4290290405



**Tritanomaly**

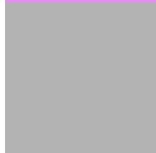
4292451266

# Monochromacy



**Original Color**

4292776936



**Achromatopsia**

4289967027



**Achromatomaly**

4291012550

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292776936 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(222, 147, 232)` looks like.

```
.text, #text, p{  
    color:rgb(222, 147, 232)  
}
```

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(222, 147, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 147, 232) }
```

## Border

The CSS property to change the border of an element to Android 4292776936 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(222, 147, 232) }
```

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

```
.border{ border-color:rgb(222, 147, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 147, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 147, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 147, 232);  
box-shadow:4px 4px 4px 4px rgb(222, 147,  
232) }
```

# Background

The CSS property to change the background color of an element to Android 4292776936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 147, 232) }
```

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

```
.background{ background-color: rgb(222,  
147, 232) }
```

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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