

# Converting Colors

Android(4292849641)

Have a look what the booklet for  
Android(4292849641) contains.

<b>Android(4292849641)</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(4292849641)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFAFE9
RGB	223, 175, 233
RGB Percent	87%, 69%, 91%
CMY	0.1255, 0.3137, 0.0863
CMYK	0.04, 0.25, 0.00, 0.09
HSL	290°, 57%, 80%
HSV	290°, 25%, 91%
XYZ	60.4694, 52.2311, 83.9853
YIQ	195.9640, 9.9900, 28.2140

# Conversions

## Conversions Part 2

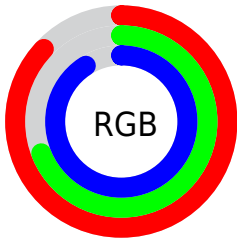
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 175, 233
Decimal	14659561
CIE <sub>Lab</sub>	77.42, 27.37, -22.35
CIE <sub>LCh</sub>	77, 35.334, 320.759
Yxy	52.2311, 0.3074, 0.2656
Android (android.graphics.Color)	4292849641 (0xFFDFAFE9)
YUV	195.9640, 18.2587, 23.7106
Hunter-Lab	72.2711, 22.8769, -18.3104

# Details

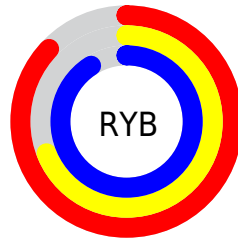
The Android color `4292849641` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4290374063`, and the grayscale version is `4291085508`.

A 20% lighter version of the original color is `4294961151`, and `4289166001` is the 20% darker color. If you saturate the color by 10%, you get `4292581609`, and if you desaturate by 10%, it is `4293117673`.

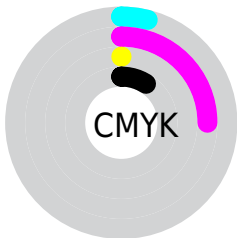
# Distribution



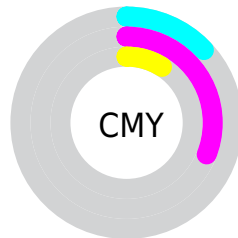
- Red (87%)
- Green (69%)
- Blue (91%)



- Red (87%)
- Yellow (69%)
- Blue (91%)



- Cyan (4%)
- Magenta (25%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (31%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292849641 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 4292849641 by changing the saturation by 10% instead.



 4292849641

 4292849641

4294967295

 4291007693

 4294961151

 4289166001

 4287390102

 4285679740

 4284035427

 4282456651

 4280943668

 4279435295

 4278190082

 4292849641

 4292849641

 4292581609


 4293117673

 4292313321


 4293385961

 4292045289

 4293653993

 4291777257

 4293918697

 4291509225

 4294180841

 4291240937

 4294442985

 4290972905

 4294705129

 4290838761

 4294967273

# Harmonies

## Analogous

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



4290099964



4292849641



4294551499

# Triad

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



4292849641



4292852351



4283683285

# Complementary

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



4292849641



4290374063

# 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.



4285714868



4292849641



4290757761

# Square

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



4292849641



4294422414



4288269461



4284009969

# Rectangle

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



4292849641



4294944692



4288269461



4284207562



# Sweetspot

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



4292849641



4294766079



4289706729



4286477696



4278190080



4286611584



# Same Dimension

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



4292849641



4294095871



4293504983



4285753973



4288020661



4281073718



# Inverse Universe

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



4293504953



4294947776



4289718721



4285885036



4290052127

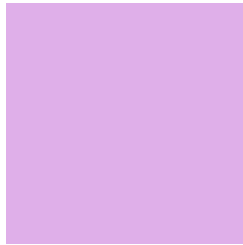


4281729033



# Previews

## White Background



This preview shows how the Android color 4292849641 looks on a white background.

## Color Contrast Check

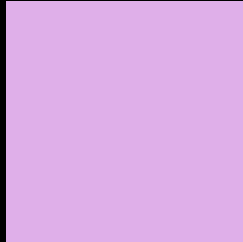
Large Text (above 18pt) WCAG AA × Fail

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 4292849641 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 4292849641 Background



This preview shows how black text looks on a background with the Android color 4292849641.




This preview shows how white text looks on a background with the Android color 4292849641.

# 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**  
4292523716

# Trichromacy



**Original Color**  
4292849641

**Protanomaly**  
4290951407

**Deuteranomaly**  
4291540968

**Tritanomaly**  
4292654033

# Monochromacy



**Original Color**  
4292849641

**Achromatopsia**  
4291085508

**Achromatomaly**  
4291738833

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292849641 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(223, 175, 233)` looks like.

```
.text, #text, p{  
    color:rgb(223, 175, 233)  
}
```

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(223, 175, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 175, 233) }
```

## Border

The CSS property to change the border of an element to Android 4292849641 is called "border". The border property can be set on classes, ids or directly on the HTML element.

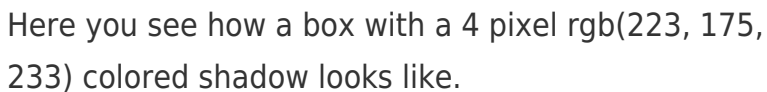
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 175, 233) }
```

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

```
.border{ border-color:rgb(223, 175, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(223, 175, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 175, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 175, 233); box-shadow:4px 4px 4px 4px rgb(223, 175, 233) }
```

# Background

The CSS property to change the background color of an element to Android 4292849641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 175, 233) }
```

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

```
.background{ background-color: rgb(223,  
175, 233) }
```

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