

# Converting Colors

Android(4291975402)

Have a look what the booklet for  
Android(4291975402) contains.

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# **Color**

**Android(4291975402)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D258EA
RGB	210, 88, 234
RGB Percent	82%, 35%, 92%
CMY	0.1765, 0.6549, 0.0824
CMYK	0.10, 0.62, 0.00, 0.08
HSL	290°, 78%, 63%
HSV	290°, 62%, 92%
XYZ	44.9193, 26.6216, 80.6129
YIQ	141.1220, 25.8460, 71.2700

# Conversions

## Conversions Part 2

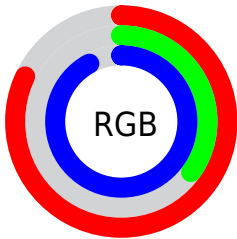
Format	Color
R <sub>Y</sub> B	210, 88, 234
Decimal	13785322
CIE Lab	58.62, 67.82, -52.27
CIE LCh	59, 85.623, 322.376
Yxy	26.6216, 0.2952, 0.1750
Android (android.graphics.Color)	4291975402 (0xFFD258EA)
YUV	141.1220, 45.7889, 60.4060
Hunter-Lab	51.5961, 65.1081, -56.5164

# Details

The Android color `4291975402` is a light color, and the websafe version is hex `CC66FF`. The color can be described as light muted magenta. A complement of this color would be `4285590104`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4294939135`, and `4288157361` is the 20% darker color. If you saturate the color by 10%, you get `4291707370`, and if you desaturate by 10%, it is `4292243434`.

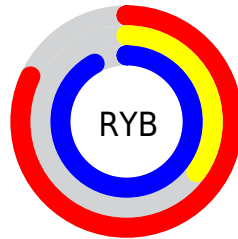
# Distribution



Red (82%)

Green (35%)

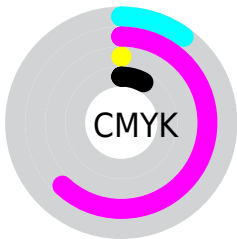
Blue (92%)



Red (82%)

Yellow (35%)

Blue (92%)

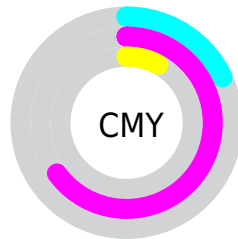


Cyan (10%)

Magenta (62%)

Yellow (0%)

Black (8%)



Cyan (18%)

Magenta (65%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291975402 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 4291975402 by changing the saturation by 10% instead.



 4291975402

 4291975402

4294967295

 4290067149

 4294939135

 4288157361

 4294946303

 4286316694

 4294953727

 4284481660

 4294961151

 4282646626

 4280942666

 4278190130

 4278190364

 4278190080

4291975402

4291975402

4291707370

4292243434

4291439082

4292511722

4291171050

4292779754

4291035370

4292982506

4293250538

4293518570

4293786858

4294049770

4294311914

# Harmonies

## Analogous

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



4283335423



4291975402



4294911908

# Triad

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



4291975402



4290478848



4278234564

# Complementary

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



4291975402



4285590104

# 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.



4278234231



4291975402



4285897216

# Square

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



4291975402



4293877505



4278232611



4278233599

# Rectangle

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



4291975402



4294910834



4278232611



4278234539



# Sweetspot

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



4291975402



4294430719



4283986154



4286276224



4278190080



4286611584



# Same Dimension

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



4291975402



4292886783



4293548217



4285753973



4288086197



4281139254



# Inverse Universe

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



4293548144



4294918239



4284017289



4285885035



4290052126

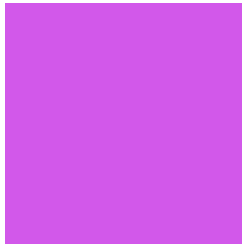


4281729033



# Previews

## White Background



This preview shows how the Android color 4291975402 looks on a white background.

## Color Contrast Check

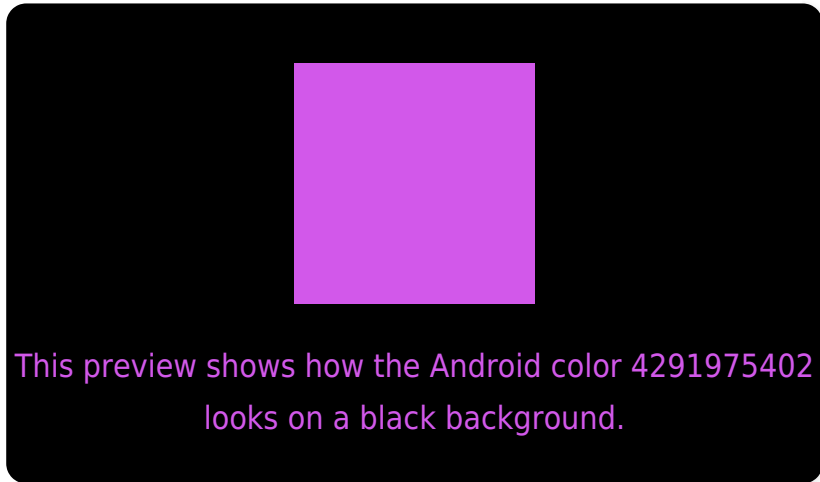
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



# Android 4291975402 Background



This preview shows how black text looks on a background with the Android color 4291975402.



This preview shows how white text looks on a background with the Android color 4291975402.

# 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**  
4291975402



**Protanomaly**  
4286675191



**Deuteranomaly**  
4287134436



**Tritanomaly**  
4291390631

# Monochromacy



**Original Color**  
4291975402



**Achromatopsia**  
4287466893



**Achromatomaly**  
4289100463

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291975402 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(210, 88, 234)` looks like.

```
.text, #text, p{  
    color:rgb(210, 88, 234)  
}
```

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(210, 88, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 88, 234) }
```

## Border

The CSS property to change the border of an element to Android 4291975402 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(210, 88, 234) }
```

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

```
.border{ border-color:rgb(210, 88, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 88, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 88, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 88, 234);  
box-shadow:4px 4px 4px 4px rgb(210, 88,  
234) }
```

# Background

The CSS property to change the background color of an element to Android 4291975402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 88, 234) }
```

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

```
.background{ background-color: rgb(210, 88,  
234) }
```

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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