

# Converting Colors

Android(4291840255)

Have a look what the booklet for  
Android(4291840255) contains.

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# **Color**

**Android(4291840255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D048FF
RGB	208, 72, 255
RGB Percent	82%, 28%, 100%
CMY	0.1843, 0.7176, 0.0000
CMYK	0.18, 0.72, 0.00, 0.00
HSL	285°, 100%, 64%
HSV	285°, 72%, 100%
XYZ	46.3798, 25.2646, 97.0398
YIQ	133.5260, 22.3130, 85.7450

# Conversions

## Conversions Part 2

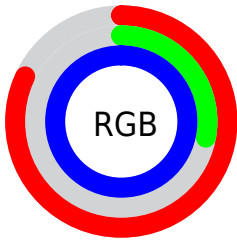
Format	Color
R <sub>Y</sub> B	208, 72, 255
Decimal	13650175
CIE Lab	57.33, 77.55, -66.03
CIE LCh	57, 101.857, 319.587
Yxy	25.2646, 0.2750, 0.1498
Android (android.graphics.Color)	4291840255 (0xFFD048FF)
YUV	133.5260, 59.8867, 65.3137
Hunter-Lab	50.2639, 76.7446, -79.2808

# Details

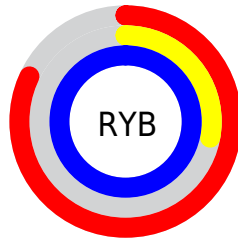
The Android color `4291840255` is a light color, and the websafe version is hex `CC33FF`. The color can be described as light washed magenta. A complement of this color would be `4286054216`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4294935807`, and `4287955141` is the 20% darker color. If you saturate the color by 10%, you get `4291375103`, and if you desaturate by 10%, it is `4292305663`.

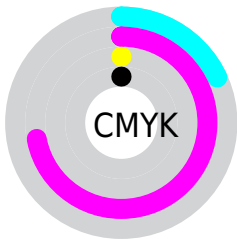
# Distribution



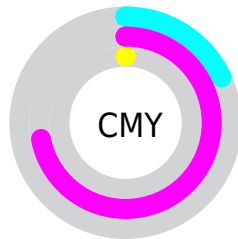
- Red (82%)
- Green (28%)
- Blue (100%)



- Red (82%)
- Yellow (28%)
- Blue (100%)



- Cyan (18%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)




- Cyan (18%)
- Magenta (72%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291840255 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 4291840255 by changing the saturation by 10% instead.



 4291840255

 4291840255

4294967295

 4289865186

 4294935807

 4287955141

 4294943231

 4285989033

 4294950655

 4284088462

 4294958079

 4282122356

 4294965759

 4280156250

 4278190145

 4278190890

 4278190356

4291840255

4291840255

4291375103

4292305663

4290975231

4292705279

4290642175

4293170431

4293570303

4294035711

4294435327

4294900735

4294967295

# Harmonies

## Analogous

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



4278223359



4291840255



4294901933

# Triad

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



4291840255



4290870016



4278234563

# Complementary

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



4291840255



4286054216

# 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.



4278233958



4291840255



4285568768

# Square

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



4291840255



4294788864



4278232320



4278234111

# Rectangle

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



4291840255



4294901874



4278232320



4278234533



# Sweetspot

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



4291840255



4294035455



4282939903



4286013056



4278190080



4286611584



# Same Dimension

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



4291840255



4291241215



4294920404



4286346112



4287496383



4281270336



# Inverse Universe

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



4294920311



4294911068



4282974067



4286608246



4290707505



4282384400



# Previews

## White Background



This preview shows how the Android color 4291840255 looks on a white background.

## Color Contrast Check

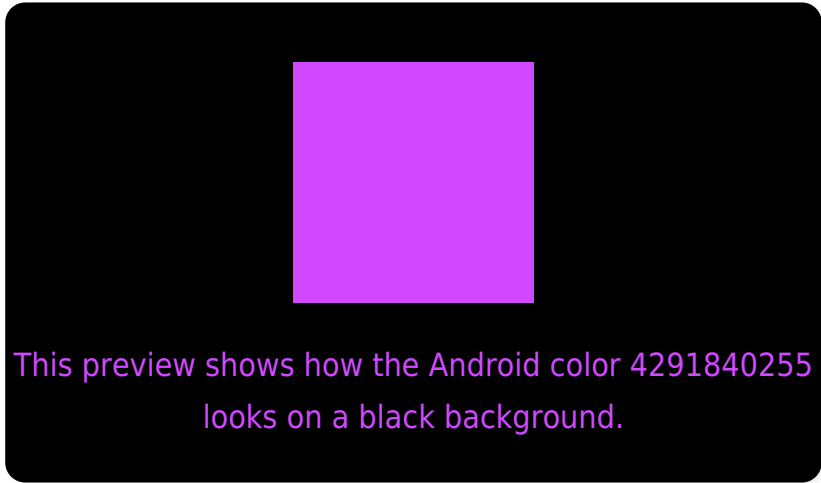
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291840255 Background



This preview shows how black text looks on a background with the Android color 4291840255.



This preview shows how white text looks on a background with the Android color 4291840255.

# 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**

4291840255



**Protanomaly**

4286214143



**Deuteranomaly**

4285035511



**Tritanomaly**

4291061165

# Monochromacy



**Original Color**

4291840255



**Achromatopsia**

4287006342



**Achromatomaly**

4288769970

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291840255 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(208, 72, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 72, 255)  
}
```

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(208, 72, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 72, 255) }
```

## Border

The CSS property to change the border of an element to Android 4291840255 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(208, 72, 255) }
```

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

```
.border{ border-color:rgb(208, 72, 255) }
```

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

Here you see how a box with a 4 pixel rgb(208, 72, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 72, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 72, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 72,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4291840255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 72, 255) }
```

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

```
.background{ background-color: rgb(208, 72,  
255) }
```

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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