

# Converting Colors

Android(4291758834)

Have a look what the booklet for  
Android(4291758834) contains.

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**Color**

**Android(4291758834)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF0AF2
RGB	207, 10, 242
RGB Percent	81%, 4%, 95%
CMY	0.1882, 0.9608, 0.0510
CMYK	0.14, 0.96, 0.00, 0.05
HSL	291°, 92%, 49%
HSV	291°, 96%, 95%
XYZ	41.8677, 19.8933, 85.6375
YIQ	95.3510, 42.9400, 113.9160

# Conversions

## Conversions Part 2

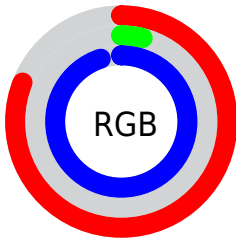
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 10, 242
Decimal	13568754
CIE <sub>Lab</sub>	51.72, 88.56, -67.86
CIE <sub>LCh</sub>	52, 111.568, 322.537
Yxy	19.8933, 0.2840, 0.1350
Android (android.graphics.Color)	4291758834 (0xFFCF0AF2)
YUV	95.3510, 72.2980, 97.9162
Hunter-Lab	44.6019, 89.5042, -82.6180

# Details

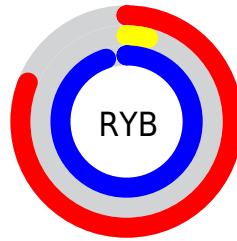
The Android color `4291758834` is a light color, and the websafe version is hex `CC33FF`. The color can be described as light saturated magenta. A complement of this color would be `4281201162`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4294927103`, and `4287824057` is the 20% darker color. If you saturate the color by 10%, you get `4291625202`, and if you desaturate by 10%, it is `4292027122`.

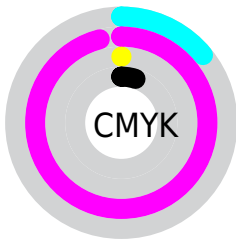
# Distribution



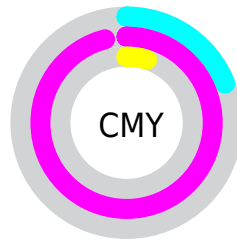
- Red (81%)
- Green (4%)
- Blue (95%)



- Red (81%)
- Yellow (4%)
- Blue (95%)



- Cyan (14%)
- Magenta (96%)
- Yellow (0%)
- Black (5%)




- Cyan (19%)
- Magenta (96%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291758834 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 4291758834 by changing the saturation by 10% instead.



 4291758834

 4291758834

4294967295

 4289790165

 4294927103

 4287824057

 4294935039

 4285857949

 4294942975

 4283891842

 4294950655

 4281991272

 4294958335


 4279631951

 4294966271


 4278190135

 4278190624

 4278190085

 4291758834

 4291758834

 4291625202

 4292027122

 4292229874

 4292498418

 4292766706

 4292969458

 4293237746

 4293506034

 4293709042

 4293977330

# Harmonies

## Analogous

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



4278218495



4291758834



4294901912

# Triad

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



4291758834



4289359872



4278230979

# Complementary

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



4291758834



4281201162

# 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.



4278230368



4291758834



4283271936

# Square

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



4291758834



4293669120



4278228992



4278230527

# Rectangle

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



4291758834



4294901849



4278228992



4278230691



# Sweetspot

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



4291758834



4294227455



4278858226



4286141312



4278190080



4286611584



# Same Dimension

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



4291758834



4292411647



4294052517



4285951096



4288413880



4281335864



# Inverse Universe

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



4294052397



4294901798



4278907479



4286082158



4290248732



4281860104



# Previews

## White Background



This preview shows how the Android color 4291758834 looks on a white background.

## Color Contrast Check

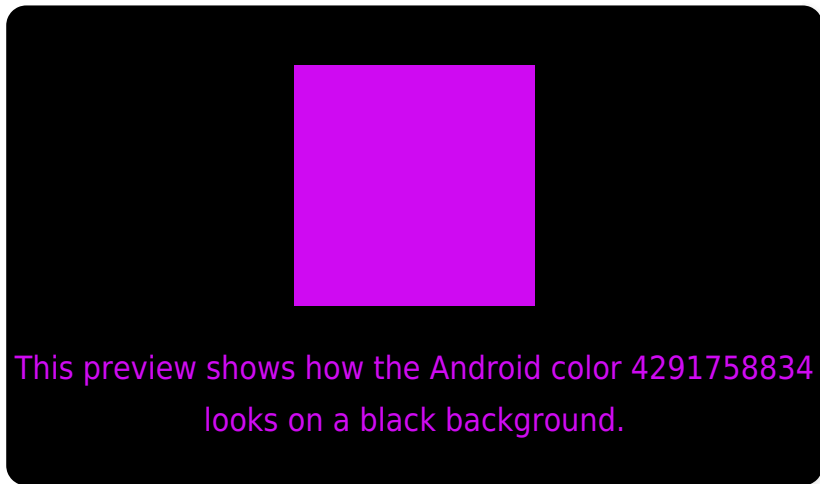
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291758834 Background



This preview shows how black text looks on a background with the Android color 4291758834.



This preview shows how white text looks on a background with the Android color 4291758834.

# 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



**Original Color**  
4291758834

**Protanopia**  
4278221053

**Deuteranopia**  
4278222559



# Trichromacy



**Original Color**

4291758834



**Protanomaly**

4283126009



**Deuteranomaly**

4283127014



**Tritanomaly**

4291051673

# Monochromacy



**Original Color**

4291758834



**Achromatopsia**

4284440415



**Achromatomaly**

4287119508

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291758834 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(207, 10, 242)` looks like.

```
.text, #text, p{  
    color:rgb(207, 10, 242)  
}
```

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(207, 10, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 10, 242) }
```

## Border

The CSS property to change the border of an element to Android 4291758834 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(207, 10, 242) }
```

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

```
.border{ border-color:rgb(207, 10, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 10, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 10, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 10, 242);  
box-shadow:4px 4px 4px 4px rgb(207, 10,  
242) }
```

# Background

The CSS property to change the background color of an element to Android 4291758834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 10, 242) }
```

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

```
.background{ background-color: rgb(207, 10,  
242) }
```

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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