

# Converting Colors

Android(4291511783)

Have a look what the booklet for  
Android(4291511783) contains.

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# **Color**

**Android(4291511783)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB45E7
RGB	203, 69, 231
RGB Percent	80%, 27%, 91%
CMY	0.2039, 0.7294, 0.0941
CMYK	0.12, 0.70, 0.00, 0.09
HSL	290°, 77%, 59%
HSV	290°, 70%, 91%
XYZ	41.1805, 22.7223, 77.8167
YIQ	127.5340, 27.8620, 78.7900

# Conversions

## Conversions Part 2

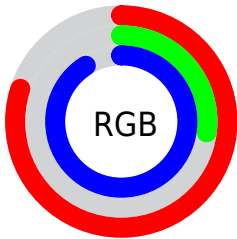
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 69, 231
Decimal	13321703
CIE Lab	54.79, 73.24, -56.77
CIE LCh	55, 92.663, 322.218
Yxy	22.7223, 0.2906, 0.1603
Android (android.graphics.Color)	4291511783 (0xFFCB45E7)
YUV	127.5340, 51.0087, 66.1837
Hunter-Lab	47.6679, 70.7882, -63.4220

# Details

The Android color `4291511783` is a light color, and the websafe version is hex `CC33CC`. The color can be described as light muted magenta. A complement of this color would be `4284606277`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4294934783`, and `4287692975` is the 20% darker color. If you saturate the color by 10%, you get `4291243751`, and if you desaturate by 10%, it is `4291779815`.

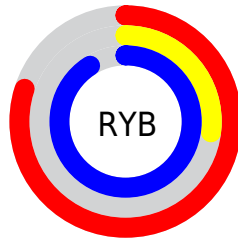
# Distribution



Red (80%)

Green (27%)

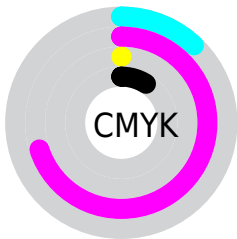
Blue (91%)



Red (80%)

Yellow (27%)

Blue (91%)

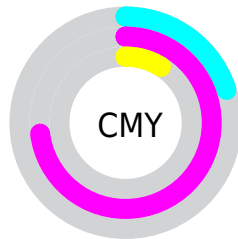


Cyan (12%)

Magenta (70%)

Yellow (0%)

Black (9%)



Cyan (20%)

Magenta (73%)


Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291511783 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 4291511783 by changing the saturation by 10% instead.



 4291511783

 4291511783

4294967295

 4289602250

 4294934783

 4287692975

 4294942207

 4285792403

 4294949631

 4283957369

 4294957055

 4282056799

 4294964735

 4280156231

 4278190127

 4278190361

 4278190080

■ 4291511783

■ 4291511783

■ 4291243751

■ 4291779815

■ 4290975719

■ 4292047847

■ 4290707687

■ 4292315879

■ 4292583911

■ 4292852199

■ 4293120231

■ 4293388263

■ 4293656295

■ 4293918695

# Harmonies

## Analogous

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



4280056063



4291511783



4294901916

# Triad

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



4291511783



4289820928



4278232254

# Complementary

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



4291511783



4284606277

# 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.



4278231659



4291511783



4284911872

# Square

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



4291511783



4293414656



4278230272



4278231551

# Rectangle

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



4291511783



4294901863



4278230272



4278232227



# Sweetspot

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



4291511783



4294363647



4282737639



4286210176



4278190080



4286611584



# Same Dimension

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



4291511783



4292487679



4293346740



4285622131



4287889587



4280942643



# Inverse Universe

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



4293346657



4294912334



4282771320



4285753193



4289921055

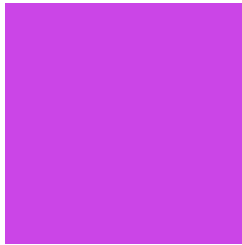


4281532425



# Previews

## White Background



This preview shows how the Android color 4291511783 looks on a white background.

## Color Contrast Check

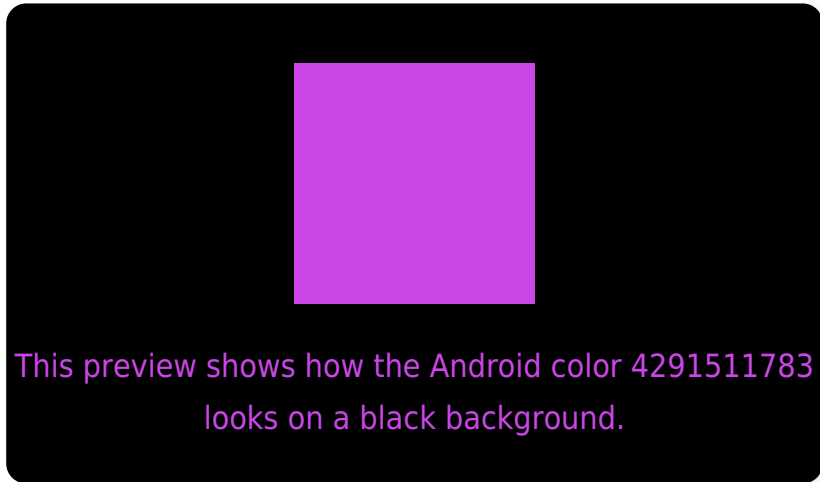
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291511783 Background



This preview shows how black text looks on a background with the Android color 4291511783.




This preview shows how white text looks on a background with the Android color 4291511783.

# 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**  
4290538612

# Trichromacy



**Original Color**  
4291511783



**Protanomaly**  
4285295350



**Deuteranomaly**  
4285951456



**Tritanomaly**  
4290862750

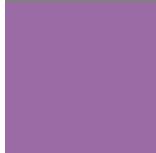
# Monochromacy



**Original Color**  
4291511783



**Achromatopsia**  
4286611584



**Achromatomaly**  
4288375717

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291511783 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(203, 69, 231)` looks like.

```
.text, #text, p{  
    color:rgb(203, 69, 231)  
}
```

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(203, 69, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 69, 231) }
```

## Border

The CSS property to change the border of an element to Android 4291511783 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(203, 69, 231) }
```

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

```
.border{ border-color:rgb(203, 69, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 69, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 69, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 69, 231);  
box-shadow:4px 4px 4px 4px rgb(203, 69,  
231) }
```

# Background

The CSS property to change the background color of an element to Android 4291511783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 69, 231) }
```

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

```
.background{ background-color: rgb(203, 69,  
231) }
```

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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