

# Converting Colors

Android(4293016783)

Have a look what the booklet for  
Android(4293016783) contains.

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**Color**

**Android(4293016783)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E23CCF
RGB	226, 60, 207
RGB Percent	89%, 24%, 81%
CMY	0.1137, 0.7647, 0.1882
CMYK	0.00, 0.73, 0.08, 0.11
HSL	307°, 74%, 56%
HSV	307°, 73%, 89%
XYZ	44.2424, 23.9055, 61.3139
YIQ	126.3920, 51.7490, 80.9090

# Conversions

## Conversions Part 2

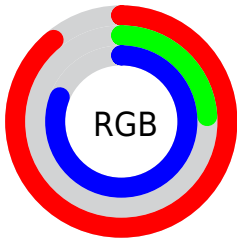
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	226, 60, 207
Decimal	14826703
CIE <sub>Lab</sub>	55.99, 77.18, -41.03
CIE <sub>LCh</sub>	56, 87.412, 332.005
Yxy	23.9055, 0.3417, 0.1847
Android (android.graphics.Color)	4293016783 (0xFFE23CCF)
YUV	126.3920, 39.7397, 87.3562
Hunter-Lab	48.8932, 75.9575, -40.1266

# Details

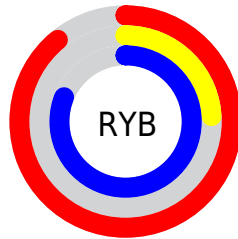
The Android color **4293016783** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **4282180175**, and the grayscale version is **4286479998**.

A 20% lighter version of the original color is **4294933503**, and **4289134744** is the 20% darker color. If you saturate the color by 10%, you get **4293010892**, and if you desaturate by 10%, it is **4293022674**.

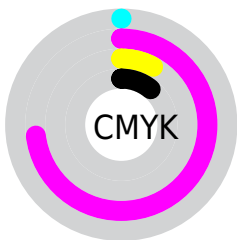
# Distribution



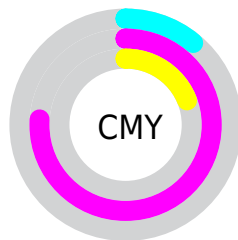
- Red (89%)
- Green (24%)
- Blue (81%)



- Red (89%)
- Yellow (24%)
- Blue (81%)



- Cyan (0%)
- Magenta (73%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (76%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293016783 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 4293016783 by changing the saturation by 10% instead.



 4293016783

 4293016783

4294967295

 4291038387

 4294933503

 4289134744

 4294940927

 4287168638

 4294948607

 4285333604

 4294956287

 4283498572

 4294963967

 4281729076

 4279566366

 4278190080

 4293016783

 4293016783

■ 4293010892

■ 4293022674

■ 4293005258

■ 4293028308

■ 4293001416

■ 4293034199

■ 4293039833

■ 4293045724

■ 4293051615

■ 4293057249

■ 4293063140

■ 4293066726

# Harmonies

## Analogous

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



4286738431



4293016783



4294901893

# Triad

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



4293016783



4288578816



4278232790

# Complementary

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



4293016783



4282180175

# 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.



4278232457



4293016783



4283406336

# Square

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



4293016783



4292437248



4278231352



4278231295

# Rectangle

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



4293016783



4294908755



4278231352



4278232765



# Sweetspot

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



4293016783



4294952953



4283251938



4286602876



4278190080



4286611584



# Same Dimension

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



4293016783



4294909925



4293016702



4285556079



4289724572



4281335851



# Inverse Universe

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



4293016783



4294909925



4282180256



4285556079



4289724572



4281335851



# Previews

## White Background



This preview shows how the Android color 4293016783 looks on a white background.

## Color Contrast Check

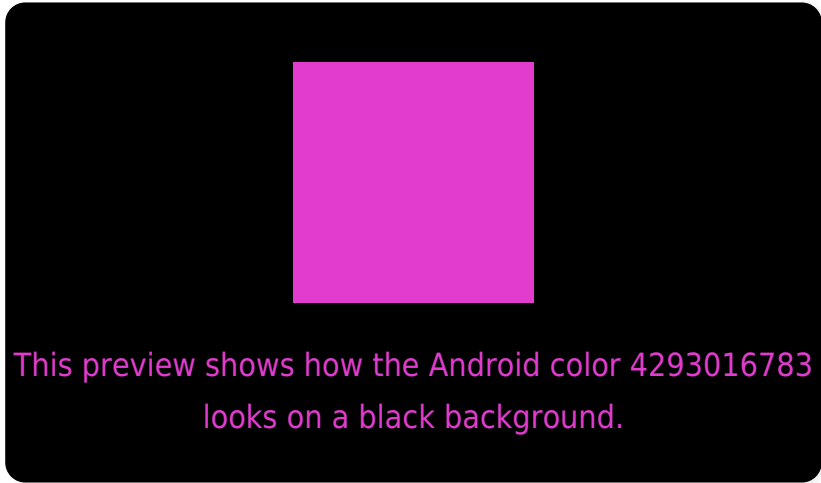
Large Text (above 18pt) WCAG AA ✓ Pass

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

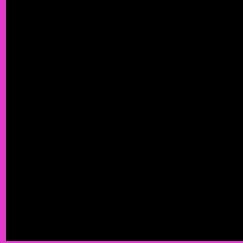
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4293016783 Background



This preview shows how black text looks on a background with the Android color 4293016783.



This preview shows how white text looks on a background with the Android color 4293016783.

# 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**  
4293016783



**Protanomaly**  
4286343662



**Deuteranomaly**  
4288179144



**Tritanomaly**  
4292563852

# Monochromacy



**Original Color**  
4293016783



**Achromatopsia**  
4286479998



**Achromatomaly**  
4288833179

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293016783 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(226, 60, 207)` looks like.

```
.text, #text, p{  
    color:rgb(226, 60, 207)  
}
```

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(226, 60, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 60, 207) }
```

## Border

The CSS property to change the border of an element to Android 4293016783 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(226, 60, 207) }
```

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

```
.border{ border-color:rgb(226, 60, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 60, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 60, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 60, 207);  
box-shadow:4px 4px 4px 4px rgb(226, 60,  
207) }
```

# Background

The CSS property to change the background color of an element to Android 4293016783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 60, 207) }
```

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

```
.background{ background-color: rgb(226, 60,  
207) }
```

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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