

# Converting Colors

Android(4292623100)

Have a look what the booklet for  
Android(4292623100) contains.

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# **Color**

**Android(4292623100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC3AFC
RGB	220, 58, 252
RGB Percent	86%, 23%, 99%
CMY	0.1373, 0.7725, 0.0118
CMYK	0.13, 0.77, 0.00, 0.01
HSL	290°, 97%, 61%
HSV	290°, 77%, 99%
XYZ	48.5989, 25.2700, 94.4116
YIQ	128.5540, 34.2780, 94.6780

# Conversions

## Conversions Part 2

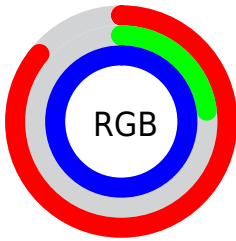
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	220, 58, 252
Decimal	14433020
CIE <sub>Lab</sub>	57.34, 83.71, -64.27
CIE <sub>LCh</sub>	57, 105.538, 322.484
Yxy	25.2700, 0.2888, 0.1502
Android (android.graphics.Color)	4292623100 (0xFFDC3AFC)
YUV	128.5540, 60.8589, 80.1981
Hunter-Lab	50.2693, 84.5975, -76.1650

# Details

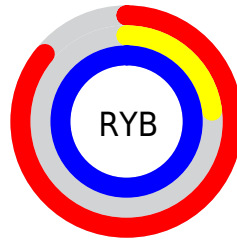
The Android color `4292623100` is a light color, and the websafe version is hex `CC33FF`. The color can be described as light washed magenta. A complement of this color would be `4284152890`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4294933247`, and `4288676034` is the 20% darker color. If you saturate the color by 10%, you get `4292354556`, and if you desaturate by 10%, it is `4292891644`.

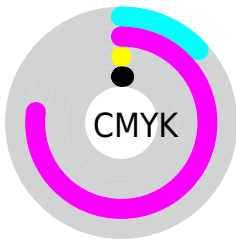
# Distribution



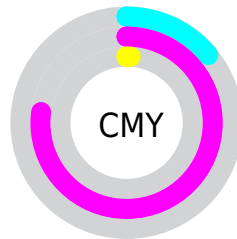
- Red (86%)
- Green (23%)
- Blue (99%)



- Red (86%)
- Yellow (23%)
- Blue (99%)



- Cyan (13%)
- Magenta (77%)
- Yellow (0%)
- Black (1%)



- Cyan (14%)
- Magenta (77%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292623100 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 4292623100 by changing the saturation by 10% instead.



 4292623100

 4292623100

4294967295

 4290642399

 4294933247

 4288676034

 4294940927

 4286775463

 4294948607

 4284809355

 4294956287

 4282908785

 4294963967

 4281008216

 4278190143

 4278190888

 4278190354

4292623100

4292623100

4292354556

4292891644

4292086012

4293160188

4291952892

4293428988

4293763068

4294031612

4294300156

4294568700

4294836220

4294967292

# Harmonies

## Analogous

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



4278222335



4292623100



4294901925

# Triad

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



4292623100



4290477568



4278234830

# Complementary

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



4292623100



4284152890

# 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.



4278234223



4292623100



4284782848

# Square

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



4292623100



4294658560



4278232576



4278234111

# Rectangle

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



4292623100



4294901864



4278232576



4278234799



# Sweetspot

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



4292623100



4294296831



4282014460



4286209152



4278190080



4286611584



# Same Dimension

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



4292623100



4292351231



4294720187



4286279805



4288544957



4281532477



# Inverse Universe

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



4294720090



4294906939



4282055803



4286410867



4290576415



4282187786



# Previews

## White Background



This preview shows how the Android color 4292623100 looks on a white background.

## Color Contrast Check

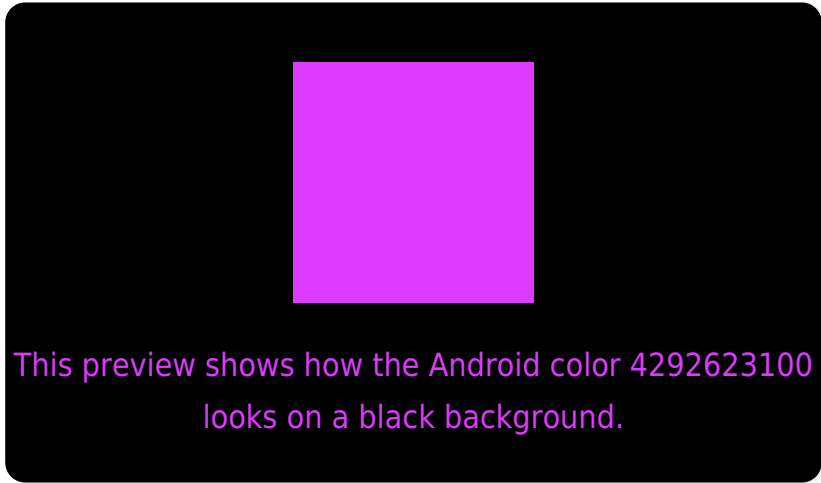
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292623100 Background



This preview shows how black text looks on a background with the Android color 4292623100.



This preview shows how white text looks on a background with the Android color 4292623100.

# 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**  
4292623100



**Protanomaly**  
4286475006



**Deuteranomaly**  
4285820660



**Tritanomaly**  
4291910567

# Monochromacy



**Original Color**  
4292623100



**Achromatopsia**  
4286677377



**Achromatomaly**  
4288833454

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292623100 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(220, 58, 252)` looks like.

```
.text, #text, p{  
    color:rgb(220, 58, 252)  
}
```

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(220, 58, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 58, 252) }
```

## Border

The CSS property to change the border of an element to Android 4292623100 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(220, 58, 252) }
```

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

```
.border{ border-color:rgb(220, 58, 252) }
```

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

Here you see how a box with a 4 pixel rgb(220, 58, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 58, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 58, 252);  
box-shadow:4px 4px 4px 4px rgb(220, 58,  
252) }
```

# Background

The CSS property to change the background color of an element to Android 4292623100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 58, 252) }
```

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

```
.background{ background-color: rgb(220, 58,  
252) }
```

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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