

# Converting Colors

Android(4293088213)

Have a look what the booklet for  
Android(4293088213) contains.

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# **Color**

**Android(4293088213)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E353D5
RGB	227, 83, 213
RGB Percent	89%, 33%, 84%
CMY	0.1098, 0.6745, 0.1647
CMYK	0.00, 0.63, 0.06, 0.11
HSL	306°, 72%, 61%
HSV	306°, 63%, 89%
XYZ	46.7821, 27.3215, 65.7587
YIQ	140.8760, 44.0940, 70.9580

# Conversions

## Conversions Part 2

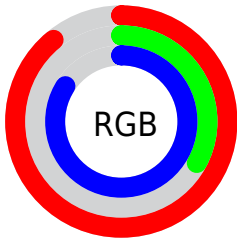
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 83, 213
Decimal	14898133
CIE Lab	59.27, 70.33, -39.28
CIE LCh	59, 80.557, 330.819
Yxy	27.3215, 0.3345, 0.1953
Android (android.graphics.Color)	4293088213 (0xFFE353D5)
YUV	140.8760, 35.5571, 75.5307
Hunter-Lab	52.2700, 68.2865, -38.0013

# Details

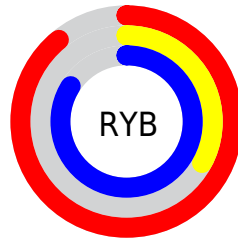
The Android color `4293088213` is a light color, and the websafe version is hex `CC33CC`. The color can be described as light muted magenta. A complement of this color would be `4283687777`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4294938111`, and `4289200542` is the 20% darker color. If you saturate the color by 10%, you get `4293082323`, and if you desaturate by 10%, it is `4293094103`.

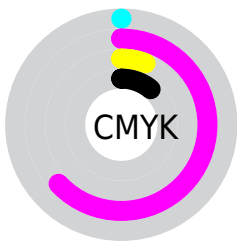
# Distribution



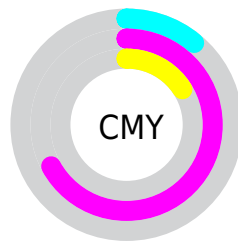
- Red (89%)
- Green (33%)
- Blue (84%)



- Red (89%)
- Yellow (33%)
- Blue (84%)



- Cyan (0%)
- Magenta (63%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (67%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293088213 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 4293088213 by changing the saturation by 10% instead.



 4293088213

 4293088213

4294967295

 4291113913

 4294938111

 4289200542

 4294945535

 4287299715

 4294952959

 4285464682

 4294960639

 4283629649

 4282056762

 4280025123

 4278190089

 4278190080

■ 4293088213

■ 4293088213

■ 4293082323

■ 4293094103

■ 4293076689

■ 4293099737

■ 4293070798

■ 4293105628

■ 4293066957

■ 4293111518

■ 4293117152

■ 4293123042

■ 4293128932

■ 4293132263

■ 4293132265

# Harmonies

## Analogous

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



4287200255



4293088213



4294915472

# Triad

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



4293088213



4289367040



4278234582

# Complementary

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



4293088213



4283687777

# 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.



4278234511



4293088213



4284718848

# Square

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



4293088213



4292964096



4278233412



4278233087

# Rectangle

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



4293088213



4294917729



4278233412



4278234815



# Sweetspot

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



4293088213



4294955002



4284437475



4286603901



4278190080



4286611584



# Same Dimension

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



4293088213



4294917612



4293088143



4285753202



4289921185



4281532462



# Inverse Universe

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



4293088213



4294917612



4283687847



4285753202



4289921185



4281532462



# Previews

## White Background



This preview shows how the Android color 4293088213 looks on a white background.

## Color Contrast Check

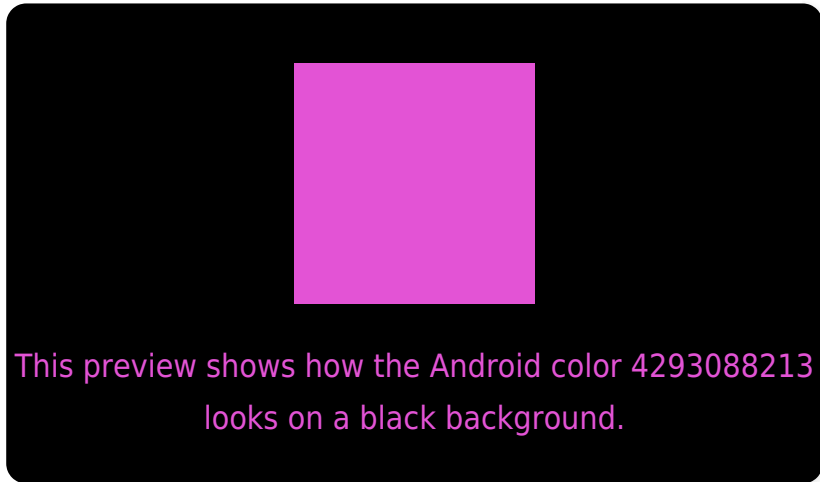
Large Text (above 18pt) WCAG AA ✓ Pass

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

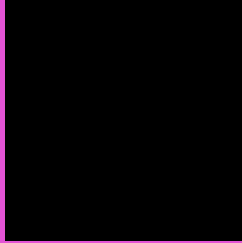
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4293088213 Background



This preview shows how black text looks on a background with the Android color 4293088213.



This preview shows how white text looks on a background with the Android color 4293088213.

# 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**  
4293088213



**Protanomaly**  
4287330288



**Deuteranomaly**  
4288641487



**Tritanomaly**  
4292699289

# Monochromacy



**Original Color**  
4293088213



**Achromatopsia**  
4287466893



**Achromatomaly**  
4289493159

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293088213 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(227, 83, 213)` looks like.

```
.text, #text, p{  
    color:rgb(227, 83, 213)  
}
```

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(227, 83, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 83, 213) }
```

## Border

The CSS property to change the border of an element to Android 4293088213 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(227, 83, 213) }
```

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

```
.border{ border-color:rgb(227, 83, 213) }
```

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

Here you see how a box with a 4 pixel rgb(227, 83, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 83, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 83, 213);  
box-shadow:4px 4px 4px 4px rgb(227, 83,  
213) }
```

# Background

The CSS property to change the background color of an element to Android 4293088213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 83, 213) }
```

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

```
.background{ background-color: rgb(227, 83,  
213) }
```

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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