

# Converting Colors

Android(4292888291)

Have a look what the booklet for  
Android(4292888291) contains.

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# **Color**

**Android(4292888291)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E046E3
RGB	224, 70, 227
RGB Percent	88%, 27%, 89%
CMY	0.1216, 0.7255, 0.1098
CMYK	0.01, 0.69, 0.00, 0.11
HSL	299°, 74%, 58%
HSV	299°, 69%, 89%
XYZ	46.7958, 25.7737, 75.1814
YIQ	133.9440, 41.3870, 81.4750

# Conversions

## Conversions Part 2

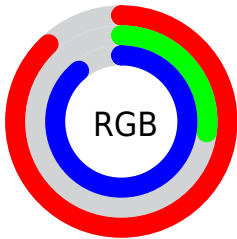
Format	Color
<a href="#">RYB</a>	<a href="#">224, 70, 227</a>
Decimal	<a href="#">14698211</a>
CIELab	<a href="#">57.82, 76.62, -49.49</a>
CIElCh	<a href="#">58, 91.213, 327.138</a>
Yxy	<a href="#">25.7737, 0.3167, 0.1744</a>
Android (android.graphics.Color)	<a href="#">4292888291 (0xFFE046E3)</a>
YUV	<a href="#">133.9440, 45.8766, 78.9791</a>
Hunter-Lab	<a href="#">50.7678, 75.6908, -52.2645</a>

# Details

The Android color `4292888291` 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 `4283032390`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4294935551`, and `4289003691` is the 20% darker color. If you saturate the color by 10%, you get `4292882403`, and if you desaturate by 10%, it is `4292894179`.

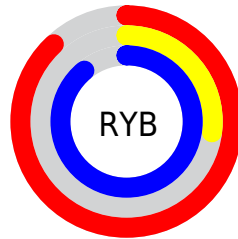
# Distribution



Red (88%)

Green (27%)

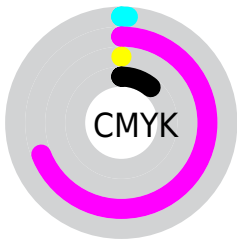
Blue (89%)



Red (88%)

Yellow (27%)

Blue (89%)

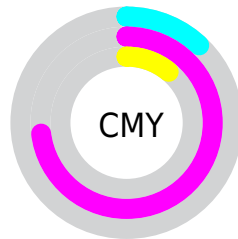


Cyan (1%)

Magenta (69%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (73%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292888291 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 4292888291 by changing the saturation by 10% instead.



 4292888291

 4292888291

4294967295

 4290912455

 4294935551

 4289003691

 4294942975

 4287103120

 4294950399

 4285202550

 4294958079

 4283367516

 4294965759

 4281663556

 4279500844

 4278190359

 4278190080

 4292888291

 4292888291

 4292882403

 4292894179

 4292811235

 4292965347

 4292805347

 4292971235

 4292804835

 4293042659

 4293048547

 4293119715

 4293125603

 4293131491

 4293197795

# Harmonies

## Analogous

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



4284971519



4292888291



4294901910

# Triad

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



4292888291



4289692928



4278234322

# Complementary

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



4292888291



4283032390

# 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.



4278233985



4292888291



4284586752

# Square

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



4292888291



4293550080



4278232616



4278233087

# Rectangle

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



4292888291



4294901858



4278232616



4278234296



# Sweetspot

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



4292888291



4294887935



4282797027



4286537856



4278190080



4286611584



# Same Dimension

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



4292888291



4294650879



4293084826



4285753203



4289659059



4281466931



# Inverse Universe

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



4293084745



4294912815



4282835855



4285753191



4289921027

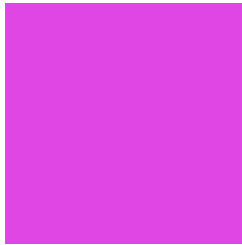


4281532417



# Previews

## White Background



This preview shows how the Android color 4292888291 looks on a white background.

## Color Contrast Check

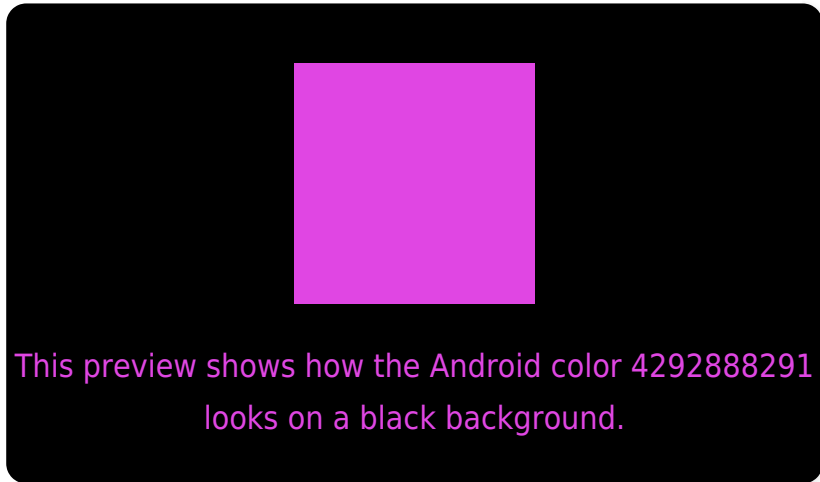
Large Text (above 18pt) WCAG AA ✓ Pass

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

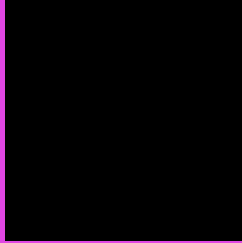
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4292888291 Background



This preview shows how black text looks on a background with the Android color 4292888291.



This preview shows how white text looks on a background with the Android color 4292888291.

# 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**  
4292888291



**Protanomaly**  
4286803957



**Deuteranomaly**  
4287656668



**Tritanomaly**  
4292370076

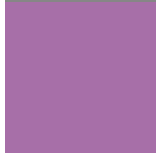
# Monochromacy



**Original Color**  
4292888291



**Achromatopsia**  
4287006342



**Achromatomaly**  
4289163176

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292888291 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(224, 70, 227)` looks like.

```
.text, #text, p{  
    color:rgb(224, 70, 227)  
}
```

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(224, 70, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 70, 227) }
```

## Border

The CSS property to change the border of an element to Android 4292888291 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(224, 70, 227) }
```

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

```
.border{ border-color:rgb(224, 70, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 70, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 70, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 70, 227);  
box-shadow:4px 4px 4px 4px rgb(224, 70,  
227) }
```

# Background

The CSS property to change the background color of an element to Android 4292888291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 70, 227) }
```

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

```
.background{ background-color: rgb(224, 70,  
227) }
```

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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