

# Converting Colors

Android(4291971433)

Have a look what the booklet for  
Android(4291971433) contains.

<b>Android(4291971433)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4291971433)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D24969
RGB	210, 73, 105
RGB Percent	82%, 29%, 41%
CMY	0.1765, 0.7137, 0.5882
CMYK	0.00, 0.65, 0.50, 0.18
HSL	346°, 60%, 55%
HSV	346°, 65%, 82%
XYZ	31.5107, 19.4866, 15.4651
YIQ	117.6110, 71.3800, 38.9960

# Conversions

## Conversions Part 2

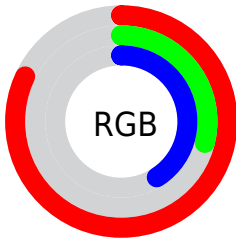
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 73, 105
Decimal	13781353
CIE <sub>Lab</sub>	51.25, 56.18, 11.60
CIE <sub>LCh</sub>	51, 57.360, 11.668
Yxy	19.4866, 0.4741, 0.2932
Android (android.graphics.Color)	4291971433 (0xFFD24969)
YUV	117.6110, -6.2172, 81.0252
Hunter-Lab	44.1437, 50.1656, 10.1292

# Details

The Android color **4291971433** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **4283028146**, and the grayscale version is **4285953654**.

A 20% lighter version of the original color is **4294934940**, and **4288020538** is the 20% darker color. If you saturate the color by 10%, you get **4291966041**, and if you desaturate by 10%, it is **4291976825**.

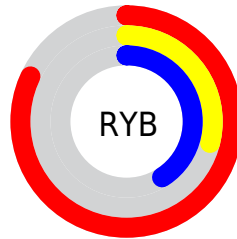
# Distribution



Red (82%)

Green (29%)

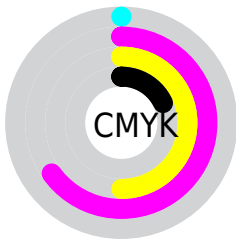
Blue (41%)



Red (82%)

Yellow (29%)

Blue (41%)

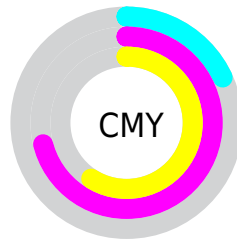


Cyan (0%)

Magenta (65%)

Yellow (50%)

Black (18%)



Cyan (18%)

Magenta (71%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291971433 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 4291971433 by changing the saturation by 10% instead.



 4291971433

 4291971433

4294967295

 4289997649

 4294934940

 4288020538

 4294942135

 4286119973

 4294949330

 4284219408

 4294956783

 4282449922

 4294964223

 4280287233

 4278190080

 4291971433

 4291971433

 4291966041

 4291976825

 4291960649

 4291982217

 4291955257

 4291987609

 4291952689

 4291993001

 4291998393

 4292003786

 4292009178

 4292014570

 4292018170

# Harmonies

## Analogous

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



4290989978



4291971433



4291319867

# Triad

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



4291971433



4283009322



4278225111

# Complementary

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



4291971433



4283028146

# 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.



4278226874



4291971433



4278226777

# Square

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



4291971433



4286610944



4278227340



4281367003

# Rectangle

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



4291971433



4290143776



4278227340



4278225872



# Sweetspot

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



4291971433



4294954200



4289743314



4286603624



4278190080



4286611584



# Same Dimension

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



4291971433



4294916199



4291980105



4285095521



4289200167



4280877066



# Inverse Universe

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



4291971433



4294916199



4283019474



4285095521



4289200167



4280877066



# Previews

## White Background



This preview shows how the Android color 4291971433 looks on a white background.

## Color Contrast Check

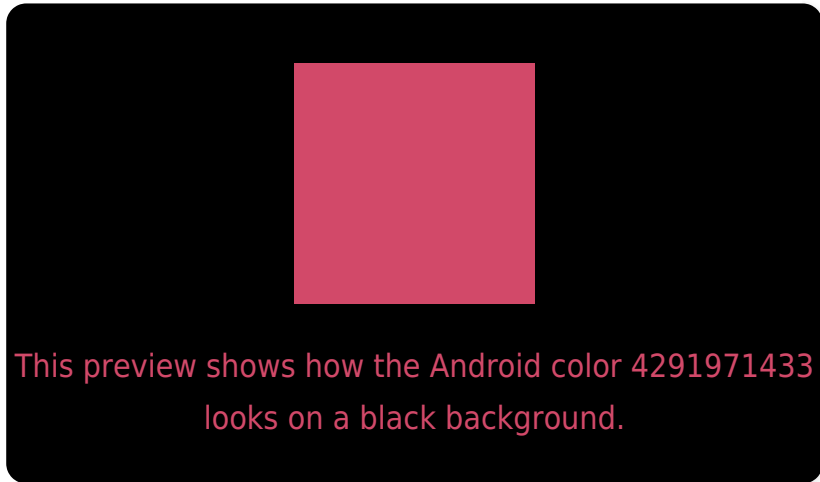
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291971433 Background



This preview shows how black text looks on a background with the Android color 4291971433.



This preview shows how white text looks on a background with the Android color 4291971433.

# 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



**Original Color**  
4291971433

**Protanopia**  
4286216835

**Deuteranopia**  
4287592034



# Trichromacy



**Original Color**  
4291971433

**Protanomaly**  
4288309370

**Deuteranomaly**  
4289160805

**Tritanomaly**  
4291906650

# Monochromacy



**Original Color**  
4291971433

**Achromatopsia**  
4285953654

**Achromatomaly**  
4288112241

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291971433 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(210, 73, 105)` looks like.

```
.text, #text, p{  
    color:rgb(210, 73, 105)  
}
```

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(210, 73, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 73, 105) }
```

## Border

The CSS property to change the border of an element to Android 4291971433 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(210, 73, 105) }
```

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

```
.border{ border-color:rgb(210, 73, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 73, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 73, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 73, 105);  
box-shadow:4px 4px 4px 4px rgb(210, 73,  
105) }
```

# Background

The CSS property to change the background color of an element to Android 4291971433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 73, 105) }
```

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

```
.background{ background-color: rgb(210, 73,  
105) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor