

# Converting Colors

Android(4291363030)

Have a look what the booklet for  
Android(4291363030) contains.

<b>Android(4291363030)</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(4291363030)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C900D6
RGB	201, 0, 214
RGB Percent	79%, 0%, 84%
CMY	0.2118, 1.0000, 0.1608
CMYK	0.06, 1.00, 0.00, 0.16
HSL	296°, 100%, 42%
HSV	296°, 100%, 84%
XYZ	36.2250, 17.2725, 65.0430
YIQ	84.4950, 51.1020, 109.1660

# Conversions

## Conversions Part 2

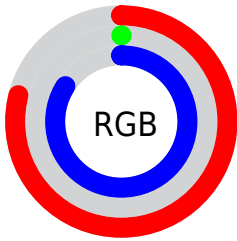
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 0, 214
Decimal	13172950
CIE <sub>Lab</sub>	48.60, 84.06, -57.06
CIE <sub>LCh</sub>	49, 101.596, 325.833
Yxy	17.2725, 0.3056, 0.1457
Android (android.graphics.Color)	4291363030 (0xFFC900D6)
YUV	84.4950, 63.8460, 102.1749
Hunter-Lab	41.5603, 82.8548, -63.6984

# Details

The Android color **4291363030** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **4279096832**, and the grayscale version is **4283716692**.

A 20% lighter version of the original color is **4294925823**, and **4287496350** is the 20% darker color. If you saturate the color by 10%, you get **4291363030**, and if you desaturate by 10%, it is **4291433942**.

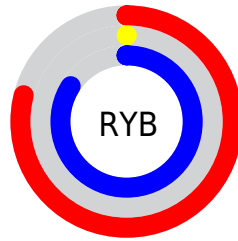
# Distribution



Red (79%)

Green (0%)

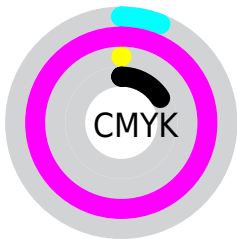
Blue (84%)



Red (79%)

Yellow (0%)

Blue (84%)

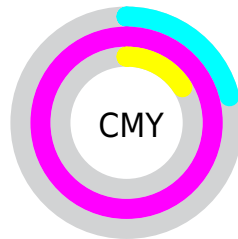


Cyan (6%)

Magenta (100%)

Yellow (0%)

Black (16%)



Cyan (21%)

Magenta (100%)


Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291363030 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 4291363030 by changing the saturation by 10% instead.



 4291363030

 4291363030

4294967295

 4289396922

 4294925823

 4287496350

 4294933759

 4285595779

 4294941439

 4283695209

 4294949119

 4281925713

 4294956799

 4279763000

 4294964479

 4278190626


 4278190087

 4278190080


 4291363030


 4291433942


 4291570646

 4291641558

 4291712726

 4291783638

 4291920086

 4291991254

 4292062166

 4292198870

# Harmonies

## Analogous

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



4278215679



4291363030



4294705284

# Triad

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



4291363030



4288113920



4278228157

# Complementary

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



4291363030



4279096832

# 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.



4278227557



4291363030



4282418176

# Square

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



4291363030



4292164608



4278226432



4278227711

# Rectangle

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



4291363030



4294901836



4278226432



4278228129



# Sweetspot

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



4291363030



4294620159



4278193878



4286403200



4278190080



4286611584



# Same Dimension

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



4291363030



4293918975



4292214905



4285161579



4288676011



4280877099



# Inverse Universe

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



4292214797



4294901775



4278244957



4285227105



4289396746



4281008131



# Previews

## White Background



This preview shows how the Android color 4291363030 looks on a white background.

## Color Contrast Check

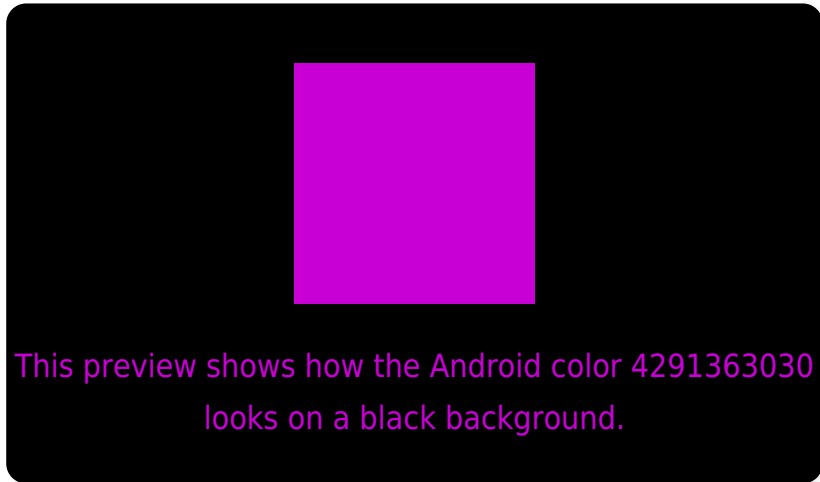
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4291363030 Background



This preview shows how black text looks on a background with the Android color 4291363030.



This preview shows how white text looks on a background with the Android color 4291363030.

# 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**  
4291363030

**Protanopia**  
4278219247

**Deuteranopia**  
4281693897



# Trichromacy



**Original Color**

4291363030



**Protanomaly**

4282992870



**Deuteranomaly**

4285221838



**Tritanomaly**

4290721159

# Monochromacy



**Original Color**

4291363030



**Achromatopsia**

4283716692



**Achromatomaly**

4286526851

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291363030 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(201, 0, 214)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 214)  
}
```

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(201, 0, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 214) }
```

## Border

The CSS property to change the border of an element to Android 4291363030 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(201, 0, 214) }
```

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

```
.border{ border-color:rgb(201, 0, 214) }
```

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

Here you see how a box with a 4 pixel rgb(201, 0, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 214);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
214) }
```

# Background

The CSS property to change the background color of an element to Android 4291363030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 214) }
```

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

```
.background{ background-color: rgb(201, 0,  
214) }
```

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