

# Converting Colors

Android(4292608193)

Have a look what the booklet for  
Android(4292608193) contains.

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**Color**

**Android(4292608193)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC00C1
RGB	220, 0, 193
RGB Percent	86%, 0%, 76%
CMY	0.1373, 1.0000, 0.2431
CMYK	0.00, 1.00, 0.12, 0.14
HSL	307°, 100%, 43%
HSV	307°, 100%, 86%
XYZ	39.1408, 19.0659, 52.0692
YIQ	87.7820, 69.1670, 106.6630

# Conversions

## Conversions Part 2

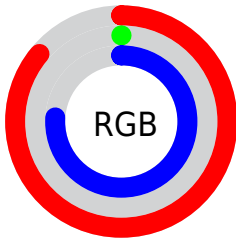
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 0, 193
Decimal	14418113
CIE <sub>Lab</sub>	50.76, 84.22, -41.29
CIE <sub>LCh</sub>	51, 93.793, 333.882
Yxy	19.0659, 0.3549, 0.1729
Android (android.graphics.Color)	4292608193 (0xFFDC00C1)
YUV	87.7820, 51.8725, 115.9552
Hunter-Lab	43.6645, 83.5944, -40.1372

# Details

The Android color **4292608193** 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 **4278246427**, and the grayscale version is **4283914071**.

A 20% lighter version of the original color is **4294926330**, and **4288675979** is the 20% darker color. If you saturate the color by 10%, you get **4292608193**, and if you desaturate by 10%, it is **4292613828**.

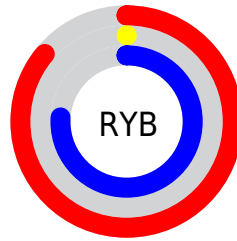
# Distribution



Red (86%)

Green (0%)

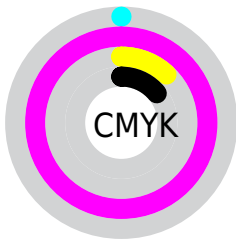
Blue (76%)



Red (86%)

Yellow (0%)

Blue (76%)

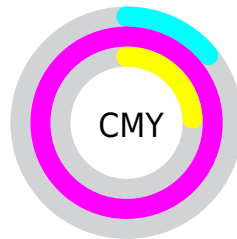


Cyan (0%)

Magenta (100%)

Yellow (12%)

Black (14%)



Cyan (14%)

Magenta (100%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292608193 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 4292608193 by changing the saturation by 10% instead.



 4292608193

 4292608193

4294967295

 4290642086

 4294926330

 4288675979

 4294934527

 4286775409

 4294942207

 4284874840

 4294949887

 4283105344

 4294957823

 4281139241

 4294965503

 4278190098

 4278190080

 4292608193

 4292613828

 4292619462

 4292625097

 4292630732

 4292636366

 4292642001

 4292647636

 4292653271

 4292658905

# Harmonies

## Analogous

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



4286078463



4292608193



4294770802

# Triad

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



4292608193



4287265280



4278229201

# Complementary

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



4292608193



4278246427

# 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.



4278229122



4292608193



4281109504

# Square

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



4292608193



4291385088



4278228009



4278227967

# Rectangle

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



4292608193



4294574143



4278228009



4278229432



# Sweetspot

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



4292608193



4294947830



4279894236



4286599802



4278190080



4286611584



# Same Dimension

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



4292608193



4294901984



4292608084



4285424492



4289527960



4281204776



# Inverse Universe

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



4292608193



4294901984



4278246536



4285424492



4289527960



4281204776



# Previews

## White Background



This preview shows how the Android color 4292608193 looks on a white background.

## Color Contrast Check

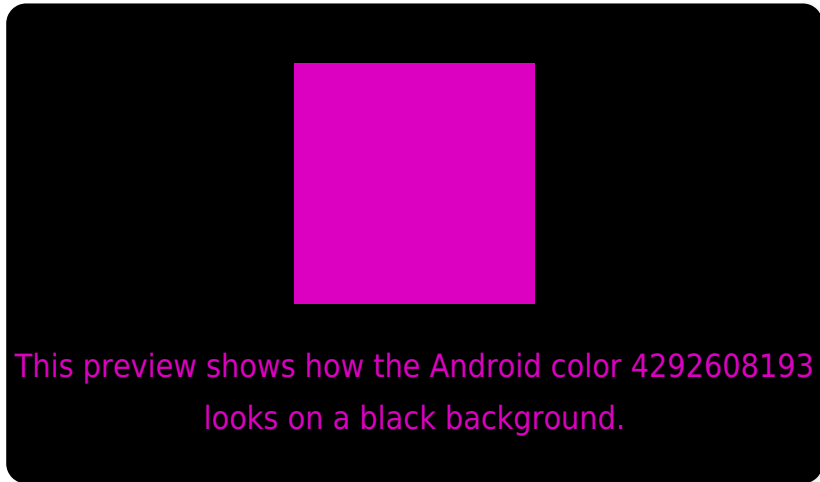
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292608193 Background



This preview shows how black text looks on a background with the Android color 4292608193.



This preview shows how white text looks on a background with the Android color 4292608193.

# 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**  
4292608193



**Protanomaly**  
4283452390



**Deuteranomaly**  
4287516345



**Tritanomaly**  
4292227193

# Monochromacy



**Original Color**  
4292608193



**Achromatopsia**  
4283979864



**Achromatomaly**  
4287117438

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292608193 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, 0, 193)` looks like.

```
.text, #text, p{  
    color:rgb(220, 0, 193)  
}
```

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, 0, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 0, 193) }
```

## Border

The CSS property to change the border of an element to Android 4292608193 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, 0, 193) }
```

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

```
.border{ border-color:rgb(220, 0, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 0, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 0, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 0, 193);  
box-shadow:4px 4px 4px 4px rgb(220, 0,  
193) }
```

# Background

The CSS property to change the background color of an element to Android 4292608193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 0, 193) }
```

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

```
.background{ background-color: rgb(220, 0,  
193) }
```

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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