

# Converting Colors

Android(4291502591)

Have a look what the booklet for  
Android(4291502591) contains.

<b>Android(4291502591)</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(4291502591)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB21FF
RGB	203, 33, 255
RGB Percent	80%, 13%, 100%
CMY	0.2039, 0.8706, 0.0000
CMYK	0.20, 0.87, 0.00, 0.00
HSL	286°, 100%, 56%
HSV	286°, 87%, 100%
XYZ	43.2225, 21.0042, 96.3839
YIQ	109.1380, 30.0580, 105.0820

# Conversions

## Conversions Part 2

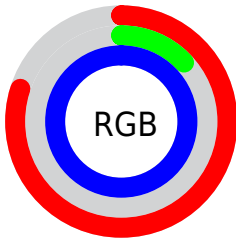
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 33, 255
Decimal	13312511
CIE <sub>Lab</sub>	52.95, 87.28, -73.15
CIE <sub>LCh</sub>	53, 113.880, 320.035
Yxy	21.0042, 0.2691, 0.1308
Android (android.graphics.Color)	4291502591 (0xFFCB21FF)
YUV	109.1380, 71.9100, 82.3170
Hunter-Lab	45.8304, 88.1396, -92.6090

# Details

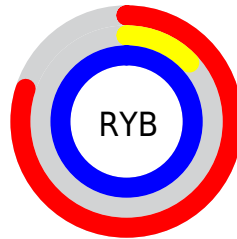
The Android color `4291502591` is a light color, and the websafe version is hex `CC00FF`. The color can be described as light washed magenta. A complement of this color would be `4283825953`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4294929151`, and `4287561925` is the 20% darker color. If you saturate the color by 10%, you get `4291102975`, and if you desaturate by 10%, it is `4291902207`.

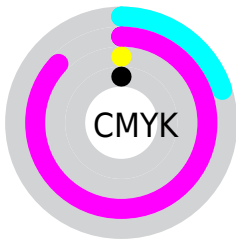
# Distribution



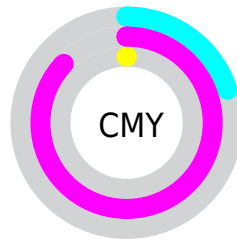
- Red (80%)
- Green (13%)
- Blue (100%)



- Red (80%)
- Yellow (13%)
- Blue (100%)



- Cyan (20%)
- Magenta (87%)
- Yellow (0%)
- Black (0%)




- Cyan (20%)
- Magenta (87%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291502591 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 4291502591 by changing the saturation by 10% instead.



 4291502591

 4291502591

4294967295

 4289528034

 4294929151

 4287561925

 4294936831

 4285595817

 4294944511

 4283564174

 4294952191

 4281532531

 4294959871

 4278583385

 4278190145

 4278190890

 4278190356

■ 4291502591

■ 4291502591

■ 4291102975

■ 4291902207

■ 4290969855

■ 4292302079

■ 4292701695

■ 4293101567

■ 4293501439

■ 4293901055

■ 4294300671

■ 4294700543

4294967295

# Harmonies

## Analogous

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



4278220287



4291502591



4294901924

# Triad

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



4291502591



4290080512



4278232000

# Complementary

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



4291502591



4283825953

# 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.



4278231129



4291502591



4284124416

# Square

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



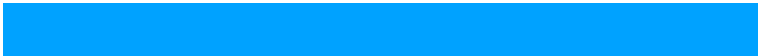
4291502591



4294387456



4278229760



4278231807

# Rectangle

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



4291502591



4294901859



4278229760



4278231710



# Sweetspot

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



4291502591



4293901823



4280375807



4285945984



4278190080



4286611584



# Same Dimension

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



4291502591



4290969855



4294910408



4286411648



4287758527



4281401408



# Inverse Universe

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



4294910293



4294901820



4280418137



4286608246



4290707501



4282384399



# Previews

## White Background



This preview shows how the Android color 4291502591 looks on a white background.

## Color Contrast Check

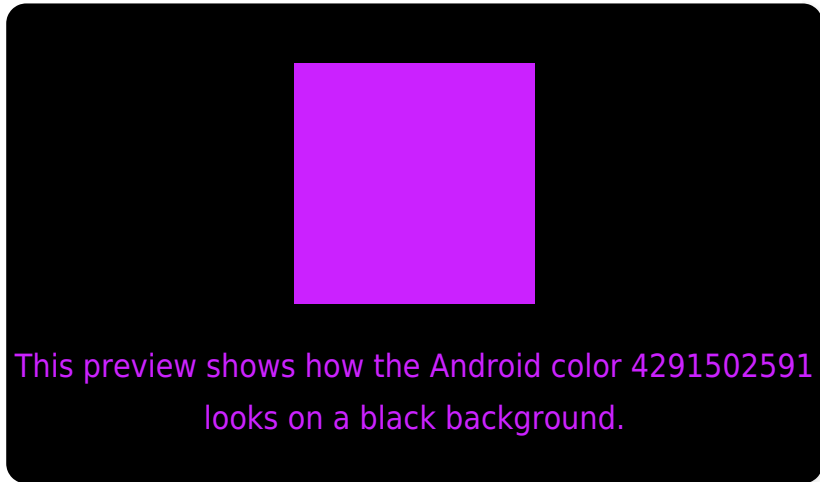
Large Text (above 18pt) WCAG AA ✓ Pass

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

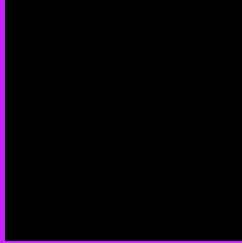
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4291502591 Background



This preview shows how black text looks on a background with the Android color 4291502591.



This preview shows how white text looks on a background with the Android color 4291502591.

# 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**  
4291502591

**Protanopia**  
4279925503

**Deuteranopia**  
4278223330



**Tritanopia**  
4290144111

# Trichromacy



**Original Color**  
4291502591



**Protanomaly**  
4284111615



**Deuteranomaly**  
4283064045



**Tritanomaly**  
4290662051

# Monochromacy



**Original Color**  
4291502591



**Achromatopsia**  
4285361517



**Achromatomaly**  
4287582626

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291502591 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(203, 33, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 33, 255)  
}
```

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(203, 33, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 33, 255) }
```

## Border

The CSS property to change the border of an element to Android 4291502591 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(203, 33, 255) }
```

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

```
.border{ border-color:rgb(203, 33, 255) }
```

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

Here you see how a box with a 4 pixel rgb(203, 33, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 33, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 33, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 33,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4291502591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 33, 255) }
```

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

```
.background{ background-color: rgb(203, 33,  
255) }
```

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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