

# Converting Colors

Android(4293460194)

Have a look what the booklet for  
Android(4293460194) contains.

<b>Android(4293460194)</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(4293460194)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E900E2
RGB	233, 0, 226
RGB Percent	91%, 0%, 89%
CMY	0.0863, 1.0000, 0.1137
CMYK	0.00, 1.00, 0.03, 0.09
HSL	302°, 100%, 46%
HSV	302°, 100%, 91%
XYZ	47.3317, 22.8146, 73.8605
YIQ	95.4310, 66.3220, 119.6820

# Conversions

## Conversions Part 2

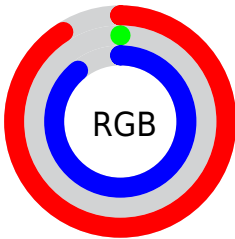
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 0, 226
Decimal	15270114
CIE <sub>Lab</sub>	54.88, 90.79, -53.52
CIE <sub>LCh</sub>	55, 105.396, 329.481
Yxy	22.8146, 0.3287, 0.1584
Android (android.graphics.Color)	4293460194 (0xFFE900E2)
YUV	95.4310, 64.3705, 120.6480
Hunter-Lab	47.7647, 93.2940, -58.2474

# Details

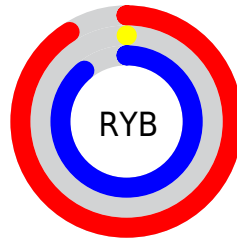
The Android color `4293460194` is a light color, and the websafe version is hex `FF33FF`. The color can be described as light washed magenta. A complement of this color would be `4278249735`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4294927615`, and `4289462442` is the 20% darker color. If you saturate the color by 10%, you get `4293460194`, and if you desaturate by 10%, it is `4293466083`.

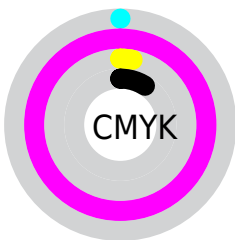
# Distribution



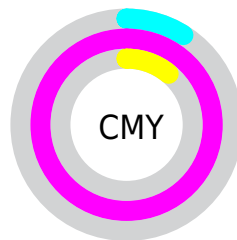
- Red (91%)
- Green (0%)
- Blue (89%)



- Red (91%)
- Yellow (0%)
- Blue (89%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (100%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293460194 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 4293460194 by changing the saturation by 10% instead.



 4293460194

 4293460194

4294967295

 4291428550

 4294927615

 4289462442

 4294935807

 4287496335

 4294943743

 4285595764

 4294951679

 4283695195

 4294959359

 4281794627

 4279762987

 4278190357

 4278190080

 4293460194

 4293466083

 4293472227

 4293478116

 4293484005

 4293490150

 4293496038

 4293501927

 4293507816

 4293513960

# Harmonies

## Analogous

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



4284312575



4293460194



4294901897

# Triad

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



4293460194



4288774144



4278233052

# Complementary

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



4293460194



4278249735

# 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.



4278232703



4293460194



4282357504

# Square

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



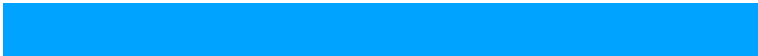
4293460194



4293284608



4278231310



4278232063

# Rectangle

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



4293460194



4294901838



4278231310



4278233022



# Sweetspot

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



4293460194



4294947837



4278452457



4286599806



4278190080



4286611584



# Same Dimension

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



4293460194



4294902007



4293460081



4285885045



4290052272



4281729076



# Inverse Universe

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



4293460194



4294902007



4278249848



4285885045



4290052272



4281729076



# Previews

## White Background



This preview shows how the Android color 4293460194 looks on a white background.

## Color Contrast Check

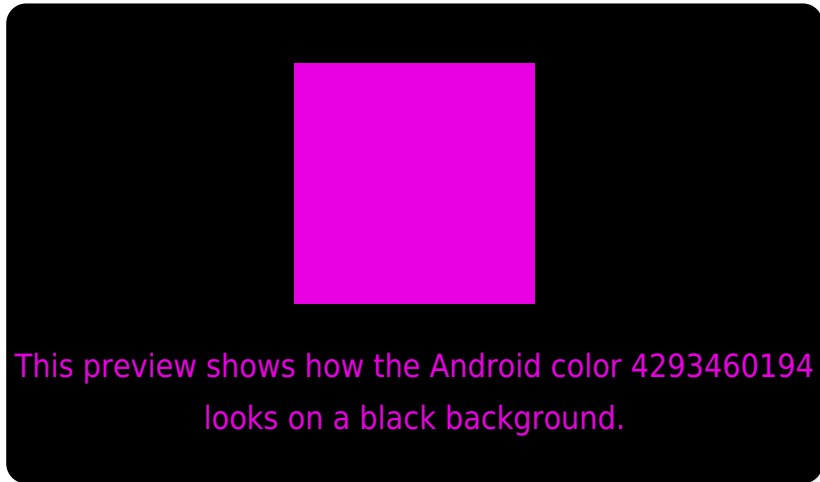
Large Text (above 18pt) WCAG AA ✓ Pass

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

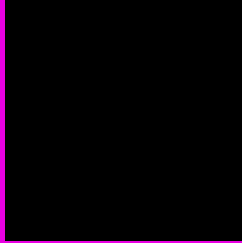
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4293460194 Background



This preview shows how black text looks on a background with the Android color 4293460194.



This preview shows how white text looks on a background with the Android color 4293460194.

# 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**  
4293460194

**Protanopia**  
4281958911

**Deuteranopia**  
4283860436



# Trichromacy



**Original Color**

4293460194



**Protanomaly**

4286141172



**Deuteranomaly**

4287321561



**Tritanomaly**

4292884878

# Monochromacy



**Original Color**

4293460194



**Achromatopsia**

4284440415



**Achromatomaly**

4287708303

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293460194 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(233, 0, 226)` looks like.

```
.text, #text, p{  
    color:rgb(233, 0, 226)  
}
```

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(233, 0, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 0, 226) }
```

## Border

The CSS property to change the border of an element to Android 4293460194 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(233, 0, 226) }
```

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

```
.border{ border-color:rgb(233, 0, 226) }
```

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

Here you see how a box with a 4 pixel rgb(233, 0, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 0, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 0, 226);  
box-shadow:4px 4px 4px 4px rgb(233, 0,  
226) }
```

# Background

The CSS property to change the background color of an element to Android 4293460194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 0, 226) }
```

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

```
.background{ background-color: rgb(233, 0,  
226) }
```

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