

# Converting Colors

Android(4293918960)

Have a look what the booklet for  
Android(4293918960) contains.

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**Color**

**Android(4293918960)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F000F0
RGB	240, 0, 240
RGB Percent	94%, 0%, 94%
CMY	0.0588, 1.0000, 0.0588
CMYK	0.00, 1.00, 0.00, 0.06
HSL	300°, 100%, 47%
HSV	300°, 100%, 94%
XYZ	51.6634, 24.8165, 84.5052
YIQ	99.1200, 66.0000, 125.5200

# Conversions

## Conversions Part 2

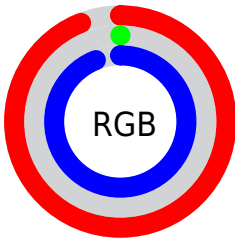
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 0, 240
Decimal	15728880
CIE <sub>Lab</sub>	56.90, 93.85, -58.11
CIE <sub>LCh</sub>	57, 110.383, 328.233
Yxy	24.8165, 0.3209, 0.1542
Android (android.graphics.Color)	4293918960 (0xFFFF00F0)
YUV	99.1200, 69.4538, 123.5518
Hunter-Lab	49.8162, 97.9403, -65.7046

# Details

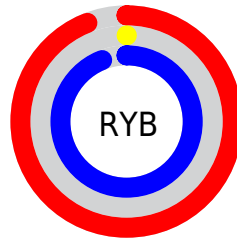
The Android color `4293918960` is a light color, and the websafe version is hex `FF33FF`. The color can be described as light saturated magenta. A complement of this color would be `4278251520`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4294928127`, and `4289921207` is the 20% darker color. If you saturate the color by 10%, you get `4293918960`, and if you desaturate by 10%, it is `4293925104`.

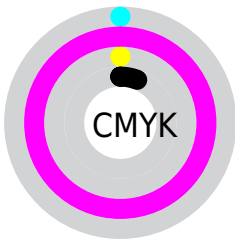
# Distribution



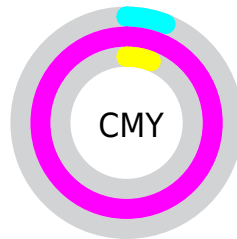
- Red (94%)
- Green (0%)
- Blue (94%)



- Red (94%)
- Yellow (0%)
- Blue (94%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293918960 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 4293918960 by changing the saturation by 10% instead.



 4293918960

 4293918960

4294967295

 4291887315

 4294928127

 4289921207

 4294936319

 4287955100

 4294944511

 4285988993

 4294952447

 4284022887

 4294960127

 4282187854

 4280090678

 4278190623

 4278190083

 4293918960

 4293925104

 4293931248

 4293937392

 4293943536

 4293949680

 4293955824

 4293961968

 4293968112

 4293974256

# Harmonies

## Analogous

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



4283396607



4293918960



4294901907

# Triad

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



4293918960



4289430528



4278234850

# Complementary

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



4293918960



4278251520

# 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.



4278234240



4293918960



4282817536

# Square

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



4293918960



4294070784



4278232832



4278233855

# Rectangle

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



4293918960



4294901844



4278232832



4278234819



# Sweetspot

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



4293918960



4294947839



4278190320



4286599808



4278190080



4286611584



# Same Dimension

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



4293918960



4294902015



4293918840



4286082168



4290248888



4281860152



# Inverse Universe

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



4293918960



4294902015



4278251640



4286082168



4290248888



4281860152



# Previews

## White Background



This preview shows how the Android color 4293918960 looks on a white background.

## Color Contrast Check

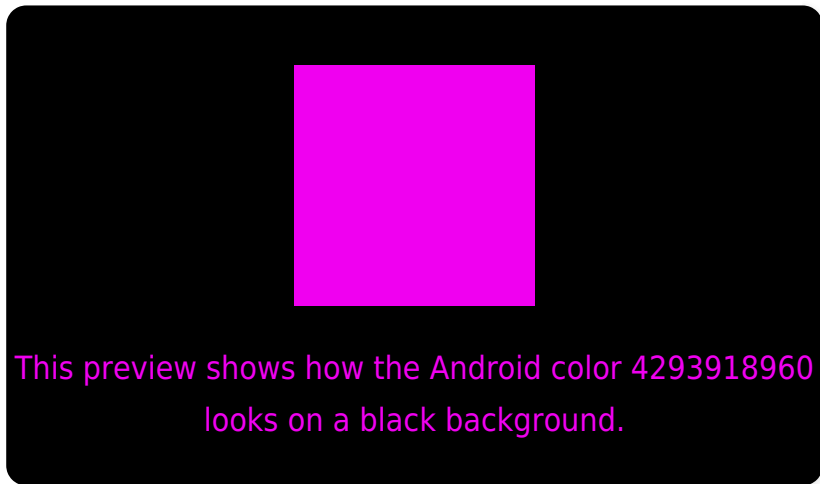
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293918960 Background



This preview shows how black text looks on a background with the Android color 4293918960.



This preview shows how white text looks on a background with the Android color 4293918960.

# 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**  
4293918960

**Protanopia**  
4282943231

**Deuteranopia**  
4283599586



# Trichromacy



**Original Color**

4293918960



**Protanomaly**

4286928378



**Deuteranomaly**

4287322343



**Tritanomaly**

4293278871

# Monochromacy



**Original Color**

4293918960



**Achromatopsia**

4284703587



**Achromatomaly**

4288036758

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293918960 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(240, 0, 240)` looks like.

```
.text, #text, p{  
    color:rgb(240, 0, 240)  
}
```

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(240, 0, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 0, 240) }
```

## Border

The CSS property to change the border of an element to Android 4293918960 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(240, 0, 240) }
```

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

```
.border{ border-color:rgb(240, 0, 240) }
```

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

Here you see how a box with a 4 pixel rgb(240, 0, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 0, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 0, 240);  
box-shadow:4px 4px 4px 4px rgb(240, 0,  
240) }
```

# Background

The CSS property to change the background color of an element to Android 4293918960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 0, 240) }
```

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

```
.background{ background-color: rgb(240, 0,  
240) }
```

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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