

# Converting Colors

Android(4294902019)

Have a look what the booklet for  
Android(4294902019) contains.

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# Color

**Android(4294902019)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF0103
RGB	255, 1, 3
RGB Percent	100%, 0%, 1%
CMY	0.0000, 0.9961, 0.9882
CMYK	0.00, 1.00, 0.99, 0.00
HSL	360°, 100%, 50%
HSV	360°, 100%, 100%
XYZ	41.2673, 21.2883, 2.0202
YIQ	77.1740, 150.7420, 54.4700

# Conversions

## Conversions Part 2

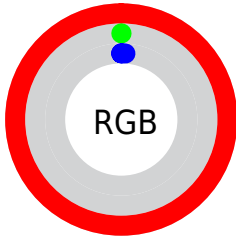
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 1, 3
Decimal	16711939
CIELab	53.26, 80.06, 66.47
CIElCh	53, 104.059, 39.702
Yxy	21.2883, 0.6391, 0.3297
Android (android.graphics.Color)	4294902019 (0xFFFF0103)
YUV	77.1740, -36.5678, 155.9534
Hunter-Lab	46.1392, 78.9082, 29.7015

# Details

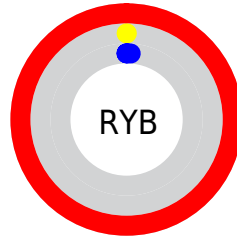
The Android color **4294902019** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **4278321149**, and the grayscale version is **4283256141**.

A 20% lighter version of the original color is **4294926652**, and **4290445312** is the 20% darker color. If you saturate the color by 10%, you get **4294901762**, and if you desaturate by 10%, it is **4294908444**.

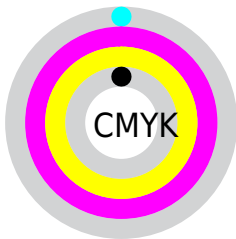
# Distribution



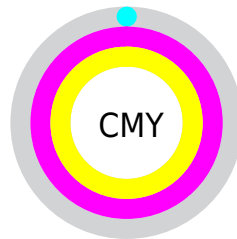
- Red (100%)
- Green (0%)
- Blue (1%)



- Red (100%)
- Yellow (0%)
- Blue (1%)



- Cyan (0%)
- Magenta (100%)
- Yellow (99%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294902019 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 4294902019 by changing the saturation by 10% instead.



 4294902019

 4294902019

 4294967290

 4292673536

 4294926652

 4290445312

 4294934614

 4288282624

 4294942576

 4286119937

 4294950282

 4284088324

 4294957989

 4281991170

 4294965953

 4279369728

 4294967261

 4278190080

 4294902019

 4294902019

■ 4294901762

■ 4294908444

■ 4294915126

■ 4294921807

■ 4294928232

■ 4294934913

■ 4294941339

■ 4294947764

■ 4294954445

■ 4294961127

# Harmonies

## Analogous

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



4294901863



4294902019



4291518976

# Triad

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



4294902019



4278230587



4278223871

# Complementary

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



4294902019



4278321149

# 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.



4278229759



4294902019



4278231451

# Square

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



4294902019



4278228736



4278231538



4288435199

# Rectangle

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



4294902019



4288445440



4278231538



4278226431



# Sweetspot

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



4294902019



4294947763



4294640127



4286599762



4278190080



4286611584



# Same Dimension

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



4294902019



4294901762



4294933505



4286608243



4290707458



4282384385



# Inverse Universe

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



4294902019



4294901762



4278289663



4286608243



4290707458



4282384385



# Previews

## White Background



This preview shows how the Android color 4294902019 looks on a white background.

## Color Contrast Check

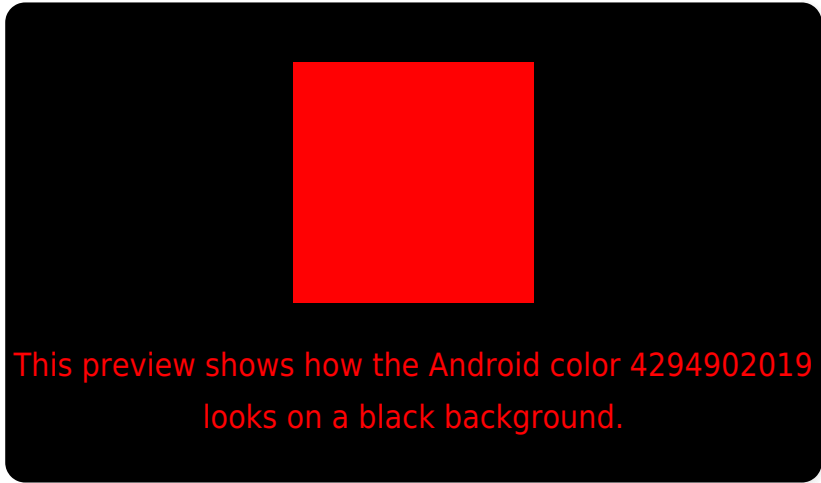
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294902019 Background



This preview shows how black text looks on a background with the Android color 4294902019.



This preview shows how white text looks on a background with the Android color 4294902019.

# 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**  
4294902019

**Protanopia**  
4287660321

**Deuteranopia**  
4288838144



**Tritanopia**  
4294776832

# Trichromacy



**Original Color**

4294902019



**Protanomaly**

4290269718



**Deuteranomaly**

4291055105



**Tritanomaly**

4294840321

# Monochromacy



**Original Color**

4294902019



**Achromatopsia**

4283256141



**Achromatomaly**

4287508786

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294902019 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(255, 1, 3)` looks like.

```
.text, #text, p{  
    color:rgb(255, 1, 3)  
}
```

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(255, 1, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 1, 3) }
```

## Border

The CSS property to change the border of an element to Android 4294902019 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(255, 1, 3) }
```

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

```
.border{ border-color:rgb(255, 1, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 1, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 1, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(255, 1, 3); box-shadow:4px  
4px 4px 4px rgb(255, 1, 3) }
```

# Background

The CSS property to change the background color of an element to Android 4294902019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 1, 3) }
```

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

```
.background{ background-color: rgb(255, 1,  
3) }
```

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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