

# Converting Colors

Android(4294910269)

Have a look what the booklet for  
Android(4294910269) contains.

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# Color

**Android(4294910269)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF213D
RGB	255, 33, 61
RGB Percent	100%, 13%, 24%
CMY	0.0000, 0.8706, 0.7608
CMYK	0.00, 0.87, 0.76, 0.00
HSL	352°, 100%, 56%
HSV	352°, 87%, 100%
XYZ	42.6262, 22.6846, 6.5468
YIQ	102.5700, 123.3240, 55.7720

# Conversions

## Conversions Part 2

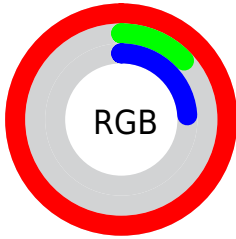
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 33, 61</a>
Decimal	<a href="#">16720189</a>
CIELab	<a href="#">54.75, 77.78, 43.62</a>
CIELCh	<a href="#">55, 89.179, 29.286</a>
Yxy	<a href="#">22.6846, 0.5932, 0.3157</a>
Android (android.graphics.Color)	<a href="#">4294910269 (0xFFFF213D)</a>
YUV	<a href="#">102.5700, -20.4940, 133.6811</a>
Hunter-Lab	<a href="#">47.6284, 76.4031, 25.1901</a>

# Details

The Android color **4294910269** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **4280418275**, and the grayscale version is **4284966759**.

A 20% lighter version of the original color is **4294929261**, and **4290576402** is the 20% darker color. If you saturate the color by 10%, you get **4294903847**, and if you desaturate by 10%, it is **4294916691**.

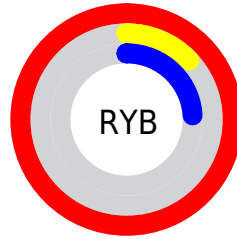
# Distribution



Red (100%)

Green (13%)

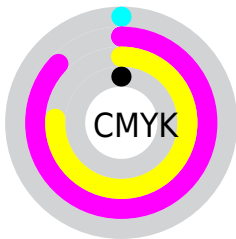
Blue (24%)



Red (100%)

Yellow (13%)

Blue (24%)

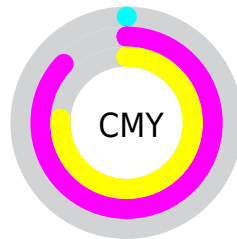


Cyan (0%)

Magenta (87%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (87%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294910269 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 4294910269 by changing the saturation by 10% instead.





4294910269



4294910269

4294967295



4292739111



4294929261



4290576402



4294937222



4288413696



4294944929



4286316544



4294952636



4284219395



4294960344



4282187779



4294967284



4279828481



4278190080



4294910269



4294910269

■ 4294903847

■ 4294916691

■ 4294901792

■ 4294923370

■ 4294929792

■ 4294936470

■ 4294943148

■ 4294949571

■ 4294955993

■ 4294962671

4294967295

# Harmonies

## Analogous

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



4294901896



4294910269



4292566272

# Triad

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



4294910269



4278230570



4278226687

# Complementary

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



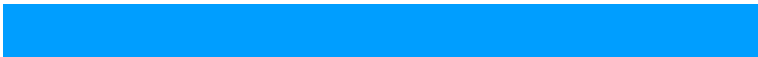
4294910269



4280418275

# 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.



4278230783



4294910269



4278231679

# Square

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



4294910269



4283601920



4278232013



4285362175

# Rectangle

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



4294910269



4290147840



4278232013



4278228479



# Sweetspot

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



4294910269



4294950341



4292944383



4286601309



4278190080



4286611584



# Same Dimension

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



4294910269



4294901792



4294930977



4286608244



4290707480



4282384392



# Inverse Universe

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



4294910269



4294901792



4280397567



4286608244



4290707480



4282384392



# Previews

## White Background



This preview shows how the Android color 4294910269 looks on a white background.

## Color Contrast Check

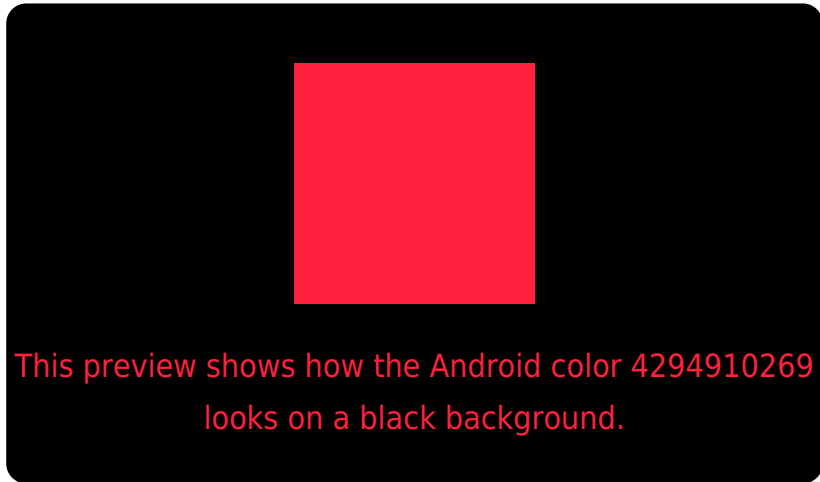
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294910269 Background



This preview shows how black text looks on a background with the Android color 4294910269.



This preview shows how white text looks on a background with the Android color 4294910269.

# 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**  
4294910269

**Protanopia**  
4287529818

**Deuteranopia**  
4288970030



# Trichromacy



**Original Color**  
4294910269

**Protanomaly**  
4290207567

**Deuteranomaly**  
4291124275

**Tritanomaly**  
4294845740

# Monochromacy



**Original Color**  
4294910269

**Achromatopsia**  
4284966759

**Achromatomaly**  
4288564824

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294910269 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, 33, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 33, 61)  
}
```

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, 33, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 33, 61) }
```

## Border

The CSS property to change the border of an element to Android 4294910269 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, 33, 61) }
```

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

```
.border{ border-color:rgb(255, 33, 61) }
```

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

Here you see how a box with a 4 pixel rgb(255, 33, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 33, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 33, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 33,  
61) }
```

# Background

The CSS property to change the background color of an element to Android 4294910269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 33, 61) }
```

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

```
.background{ background-color: rgb(255, 33,  
61) }
```

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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