

# Converting Colors

Android(4294511660)

Have a look what the booklet for  
Android(4294511660) contains.

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# Color

**Android(4294511660)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F90C2C
RGB	249, 12, 44
RGB Percent	98%, 5%, 17%
CMY	0.0235, 0.9529, 0.8275
CMYK	0.00, 0.95, 0.82, 0.02
HSL	352°, 95%, 51%
HSV	352°, 95%, 98%
XYZ	39.6530, 20.5845, 4.2661
YIQ	86.5110, 130.9800, 60.1960

# Conversions

## Conversions Part 2

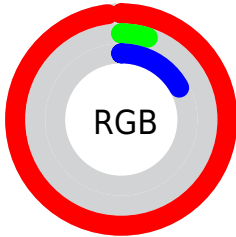
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 12, 44
Decimal	16321580
CIE <sub>Lab</sub>	52.49, 78.38, 50.16
CIE <sub>LCh</sub>	52, 93.060, 32.616
Yxy	20.5845, 0.6147, 0.3191
Android (android.graphics.Color)	4294511660 (0xFFFF90C2C)
YUV	86.5110, -20.9579, 142.5029
Hunter-Lab	45.3702, 76.6091, 26.1841

# Details

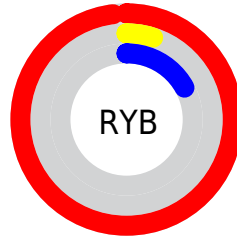
The Android color **4294511660** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **4279040473**, and the grayscale version is **4283914071**.

A 20% lighter version of the original color is **4294926939**, and **4290117632** is the 20% darker color. If you saturate the color by 10%, you get **4294508578**, and if you desaturate by 10%, it is **4294518082**.

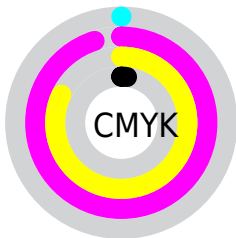
# Distribution



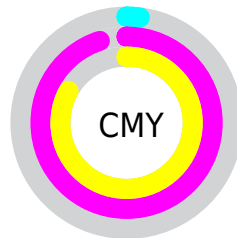
- Red (98%)
- Green (5%)
- Blue (17%)



- Red (98%)
- Yellow (5%)
- Blue (17%)



- Cyan (0%)
- Magenta (95%)
- Yellow (82%)
- Black (2%)



- Cyan (2%)
- Magenta (95%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294511660 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 4294511660 by changing the saturation by 10% instead.



 4294511660

 4294511660

4294967295

 4292345878

 4294926939

 4290117632

 4294934900

 4288020480

 4294942862

 4285857793

 4294950569

 4283826180

 4294958276

 4281729026

 4294966240

 4278714368

4294967293

 4278190080

 4294511660

 4294511660

■ 4294508578

■ 4294518082

■ 4294524503

■ 4294530925

■ 4294537346

■ 4294543512

■ 4294549933

■ 4294556355

■ 4294562776

■ 4294569198

# Harmonies

## Analogous

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



4294901882



4294511660



4291844608

# Triad

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



4294511660



4278229290



4278224895

# Complementary

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



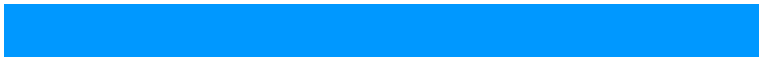
4294511660



4279040473

# 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.



4278229247



4294511660



4278230402

# Square

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



4294511660



4282028032



4278230482



4286014463

# Rectangle

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



4294511660



4289295104



4278230482



4278226687



# Sweetspot

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



4294511660



4294948287



4292152569



4286600025



4278190080



4286611584



# Same Dimension

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



4294511660



4294901794



4294532876



4286410866



4290576409



4282187784



# Inverse Universe

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



4294511660



4294901794



4279019257



4286410866



4290576409



4282187784



# Previews

## White Background



This preview shows how the Android color 4294511660 looks on a white background.

## Color Contrast Check

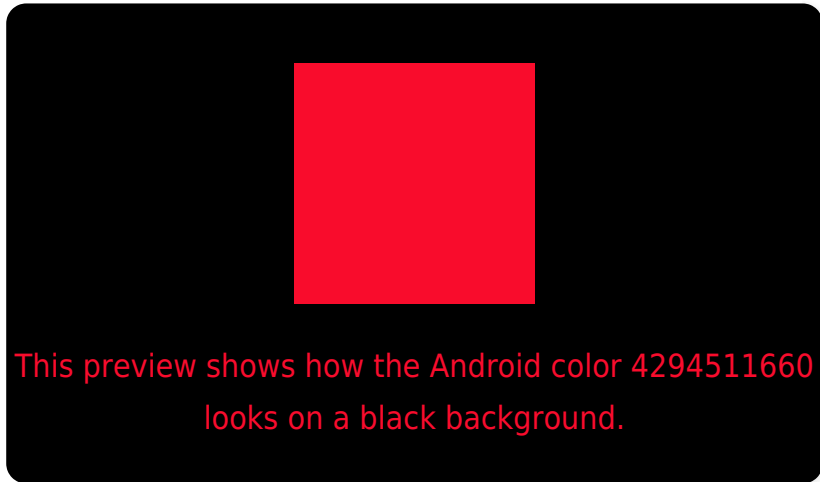
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294511660 Background



This preview shows how black text looks on a background with the Android color 4294511660.



This preview shows how white text looks on a background with the Android color 4294511660.

# 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**  
4294511660

**Protanopia**  
4287331909

**Deuteranopia**  
4288641045



# Trichromacy



**Original Color**  
4294511660



**Protanomaly**  
4289942844



**Deuteranomaly**  
4290793757



**Tritanomaly**  
4294513168

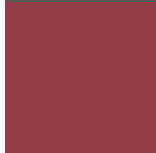
# Monochromacy



**Original Color**  
4294511660



**Achromatopsia**  
4283914071



**Achromatomaly**  
4287773767

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294511660 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(249, 12, 44)` looks like.

```
.text, #text, p{  
    color:rgb(249, 12, 44)  
}
```

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(249, 12, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 12, 44) }
```

## Border

The CSS property to change the border of an element to Android 4294511660 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(249, 12, 44) }
```

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

```
.border{ border-color:rgb(249, 12, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 12, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 12, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 12, 44);  
box-shadow:4px 4px 4px 4px rgb(249, 12,  
44) }
```

# Background

The CSS property to change the background color of an element to Android 4294511660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 12, 44) }
```

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

```
.background{ background-color: rgb(249, 12,  
44) }
```

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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