

# Converting Colors

Android(4294510103)

Have a look what the booklet for  
Android(4294510103) contains.

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# Color

**Android(4294510103)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F90617
RGB	249, 6, 23
RGB Percent	98%, 2%, 9%
CMY	0.0235, 0.9765, 0.9098
CMYK	0.00, 0.98, 0.91, 0.02
HSL	356°, 95%, 50%
HSV	356°, 98%, 98%
XYZ	39.2867, 20.3318, 2.6644
YIQ	80.5950, 139.3710, 56.8030

# Conversions

## Conversions Part 2

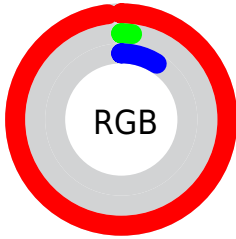
<b>Format</b>	<b>Color</b>
<b>RYB</b>	249, 6, 23
Decimal	16320023
CIELab	52.21, 78.44, 59.54
CIElCh	52, 98.480, 37.199
Yxy	20.3318, 0.6308, 0.3264
Android (android.graphics.Color)	4294510103 (0xFFFF90617)
YUV	80.5950, -28.3943, 147.6912
Hunter-Lab	45.0909, 76.6143, 28.0602

# Details

The Android color **4294510103** 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 **4278647272**, and the grayscale version is **4283519313**.

A 20% lighter version of the original color is **4294926664**, and **4290117632** is the 20% darker color. If you saturate the color by 10%, you get **4294508561**, and if you desaturate by 10%, it is **4294516526**.

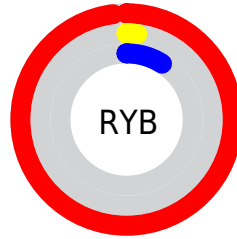
# Distribution



Red (98%)

Green (2%)

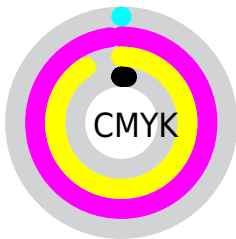
Blue (9%)



Red (98%)

Yellow (2%)

Blue (9%)

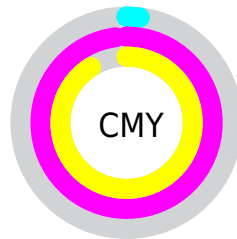


Cyan (0%)

Magenta (98%)

Yellow (91%)

Black (2%)



Cyan (2%)

Magenta (98%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294510103 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 4294510103 by changing the saturation by 10% instead.





4294510103



4294510103

4294967295



4292280320



4294926664



4290117632



4294934625



4287954944



4294942331



4285792258



4294950037



4283760644



4294958001



4281729026



4294965708



4278517760



4294967273



4278190080



4294510103



4294510103

■ 4294508561

■ 4294516526

■ 4294522949

■ 4294529372

■ 4294535796

■ 4294542219

■ 4294548386

■ 4294554809

■ 4294561232

■ 4294567655

# Harmonies

## Analogous

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



4294901869



4294510103



4291452416

# Triad

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



4294510103



4278229556



4278223871

# Complementary

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



4294510103



4278647272

# 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.



4278228991



4294510103



4278230416

# Square

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



4294510103



4278424064



4278230498



4287453439

# Rectangle

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



4294510103



4288640768



4278230498



4278225919



# Sweetspot

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



4294510103



4294948282



4293199609



4286600022



4278190080



4286611584



# Same Dimension

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



4294510103



4294901778



4294535942



4286410865



4290576397



4282187780



# Inverse Universe

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



4294510103



4294901778



4278621433



4286410865



4290576397



4282187780



# Previews

## White Background



This preview shows how the Android color 4294510103 looks on a white background.

## Color Contrast Check

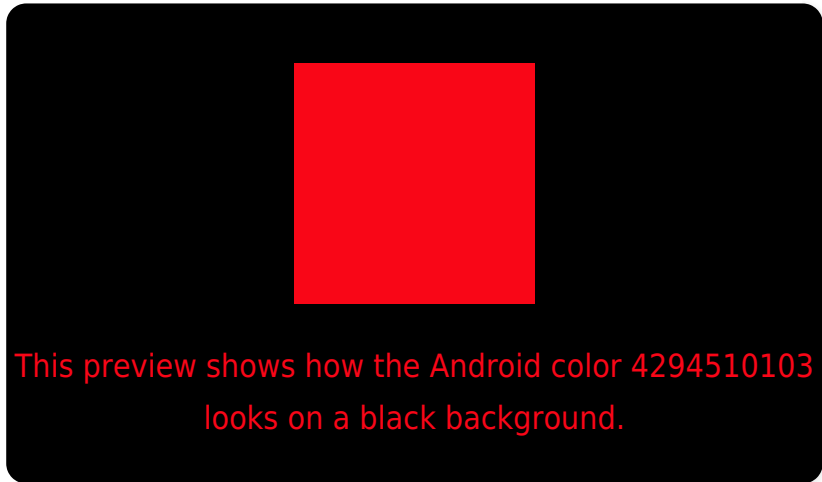
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294510103 Background



This preview shows how black text looks on a background with the Android color 4294510103.



This preview shows how white text looks on a background with the Android color 4294510103.

# 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**  
4294510103

**Protanopia**  
4287462957

**Deuteranopia**  
4288640768



# Trichromacy



**Original Color**

4294510103



**Protanomaly**

4290007589



**Deuteranomaly**

4290792968



**Tritanomaly**

4294447368

# Monochromacy



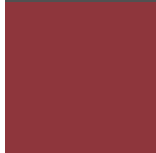
**Original Color**

4294510103



**Achromatopsia**

4283519313



**Achromatomaly**

4287510076

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294510103 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, 6, 23)` looks like.

```
.text, #text, p{  
    color:rgb(249, 6, 23)  
}
```

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, 6, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 6, 23) }
```

## Border

The CSS property to change the border of an element to Android 4294510103 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, 6, 23) }
```

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

```
.border{ border-color:rgb(249, 6, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 6, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 6, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 6, 23);  
box-shadow:4px 4px 4px 4px rgb(249, 6, 23)  
}
```

# Background

The CSS property to change the background color of an element to Android 4294510103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 6, 23) }
```

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

```
.background{ background-color: rgb(249, 6,  
23) }
```

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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