

Converting Colors

Android(4294850102)

Have a look what the booklet for
Android(4294850102) contains.

Android(4294850102)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4294850102)

Conversions

Conversions Part 1

Format	Color
Hex	FE3636
RGB	254, 54, 54
RGB Percent	100%, 21%, 21%
CMY	0.0039, 0.7882, 0.7882
CMYK	0.00, 0.79, 0.79, 0.00
HSL	0°, 99%, 60%
HSV	0°, 79%, 100%
XYZ	42.8581, 23.9755, 5.8589
YIQ	113.8000, 119.2000, 42.4000

Conversions

Conversions Part 2

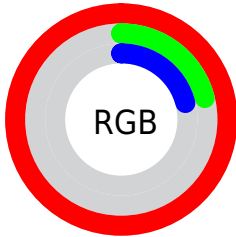
Format	Color
RYB	254, 54, 54
Decimal	16660022
CIELab	56.06, 72.80, 48.74
CIElCh	56, 87.607, 33.804
Yxy	23.9755, 0.5896, 0.3298
Android (android.graphics.Color)	4294850102 (0xFFFE3636)
YUV	113.8000, -29.4814, 122.9554
Hunter-Lab	48.9648, 70.5497, 27.1810

Details

The Android color **4294850102** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **4281794302**, and the grayscale version is **4285690482**.

A 20% lighter version of the original color is **4294932070**, and **4290510857** is the 20% darker color. If you saturate the color by 10%, you get **4294843677**, and if you desaturate by 10%, it is **4294856527**.

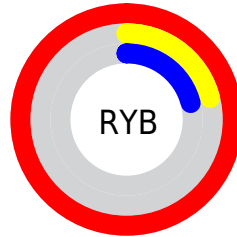
Distribution



Red (100%)

Green (21%)

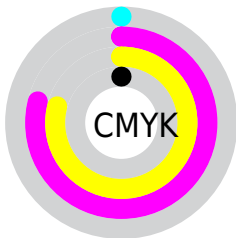
Blue (21%)



Red (100%)

Yellow (21%)

Blue (21%)

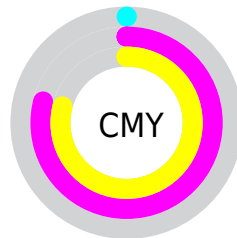


Cyan (0%)

Magenta (79%)

Yellow (79%)

Black (0%)



Cyan (0%)

Magenta (79%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294850102 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 4294850102 by changing the saturation by 10% instead.

 4294850102

 4294850102

4294967295

 4292673567

 4294932070

 4290510857

 4294939776

 4288413696

 4294947482

 4286251008

 4294954933

 4284219394

 4294962641

 4282253315

 4294967277

 4279894017

 4278190080

 4294850102

 4294850102

■ 4294843677

■ 4294856527

■ 4294836995

■ 4294863209

■ 4294836224

■ 4294869634

■ 4294876316

■ 4294882741

■ 4294889166

■ 4294895848

4294901759

Harmonies

Analogous

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



4294901888



4294850102



4292241152

Triad

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



4294850102



4278231613



4278226687

Complementary

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



4294850102



4281794302

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.



4278231039



4294850102



4278232718

Square

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



4294850102



4282947840



4278232794



4287261951

Rectangle

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



4294850102



4289756672



4278232794



4278228479

Sweetspot

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



4294850102



4294951618



4294850302



4286602075



4278190080



4286611584

Same Dimension

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



4294850102



4294905615



4294875702



4286608243



4290707456



4282384384

Inverse Universe

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



4281794302



4279238655



4281768702



4285759616



4278239167



4278206528

Previews

White Background



This preview shows how the Android color 4294850102 looks on a white background.

Color Contrast Check

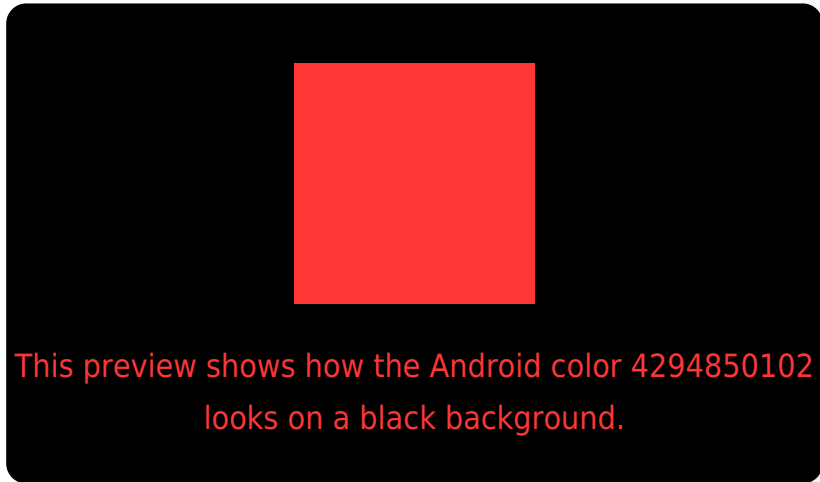
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294850102 Background



This preview shows how black text looks on a background with the Android color 4294850102.



This preview shows how white text looks on a background with the Android color 4294850102.

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
4294850102

Protanopia
4287924045

Deuteranopia
4289298470

Trichromacy



Original Color
4294850102

Protanomaly
4290472517

Deuteranomaly
4291323180

Tritanomaly
4294850102

Monochromacy



Original Color
4294850102

Achromatopsia
4285690482

Achromatomaly
4289027164

CSS Examples

Text

The CSS property to change the color of the text to Android 4294850102 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(254, 54, 54)` looks like.

```
.text, #text, p{  
    color:rgb(254, 54, 54)  
}
```

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(254, 54, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 54, 54) }
```

Border

The CSS property to change the border of an element to Android 4294850102 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(254, 54, 54) }
```

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

```
.border{ border-color:rgb(254, 54, 54) }
```

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

Here you see how a box with a 4 pixel rgb(254, 54, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 54, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 54, 54);  
box-shadow:4px 4px 4px 4px rgb(254, 54,  
54) }
```

Background

The CSS property to change the background color of an element to Android 4294850102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 54, 54) }
```

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

```
.background{ background-color: rgb(254, 54,  
54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor