

Converting Colors

Android(4293022033)

Have a look what the booklet for
Android(4293022033) contains.

Android(4293022033)	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(4293022033)

Conversions

Conversions Part 1

Format	Color
Hex	E25151
RGB	226, 81, 81
RGB Percent	89%, 32%, 32%
CMY	0.1137, 0.6824, 0.6824
CMYK	0.00, 0.64, 0.64, 0.11
HSL	0°, 71%, 60%
HSV	0°, 64%, 89%
XYZ	35.7917, 22.6477, 10.2696
YIQ	124.3550, 86.4200, 30.7400

Conversions

Conversions Part 2

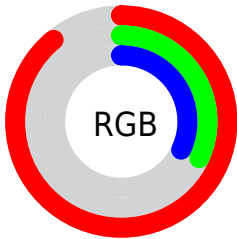
Format	Color
R_{YB}	226, 81, 81
Decimal	14831953
CIE _{Lab}	54.71, 56.29, 30.87
CIE _{LCh}	55, 64.200, 28.741
Yxy	22.6477, 0.5209, 0.3296
Android (android.graphics.Color)	4293022033 (0xFFE25151)
YUV	124.3550, -21.3740, 89.1427
Hunter-Lab	47.5896, 50.9663, 20.5182

Details

The Android color **4293022033** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **4283556578**, and the grayscale version is **4286414205**.

A 20% lighter version of the original color is **4294936962**, and **4288941860** is the 20% darker color. If you saturate the color by 10%, you get **4293016122**, and if you desaturate by 10%, it is **4293027944**.

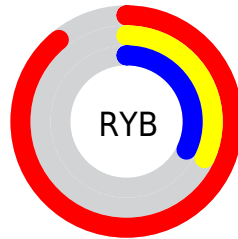
Distribution



Red (89%)

Green (32%)

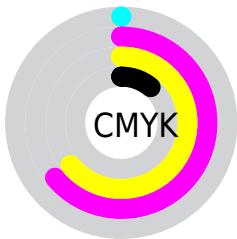
Blue (32%)



Red (89%)

Yellow (32%)

Blue (32%)

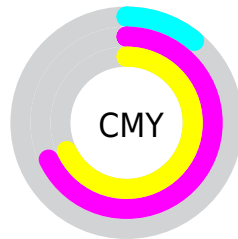


Cyan (0%)

Magenta (64%)

Yellow (64%)

Black (11%)



Cyan (11%)

Magenta (68%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Android color 4293022033 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 4293022033 by changing the saturation by 10% instead.

 4293022033

 4293022033

4294967295

 4290982970

 4294936962

 4288941860

 4294944157

 4286906384

 4294951351

 4284940288

 4294958803

 4283039745

 4294966512

 4281139201

 4278190080

 4293022033

 4293022033

 4293016122

 4293027944

 4293010468

 4293033598

 4293004557

 4293039509

 4293001216

 4293045163

 4293051074

 4293056985

 4293062639

 4293066751

Harmonies

Analogous

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



4293019784



4293022033



4291389727

Triad

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



4293022033



4278229062



4278225651

Complementary

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



4293022033



4283556578

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.



4278228962



4293022033



4278230143

Square

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



4293022033



4285042442



4278230199



4286281189

Rectangle

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



4293022033



4289624320



4278230199



4278226928

Sweetspot

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



4293022033



4294954959



4293022178



4286603874



4278190080



4286611584

Same Dimension

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



4293022033



4294916923



4293040721



4285556069



4289724416



4281335808

Inverse Universe

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



4283556578



4282122239



4283538146



4284838000



4278235312



4278202416

Previews

White Background



This preview shows how the Android color 4293022033 looks on a white background.

Color Contrast Check

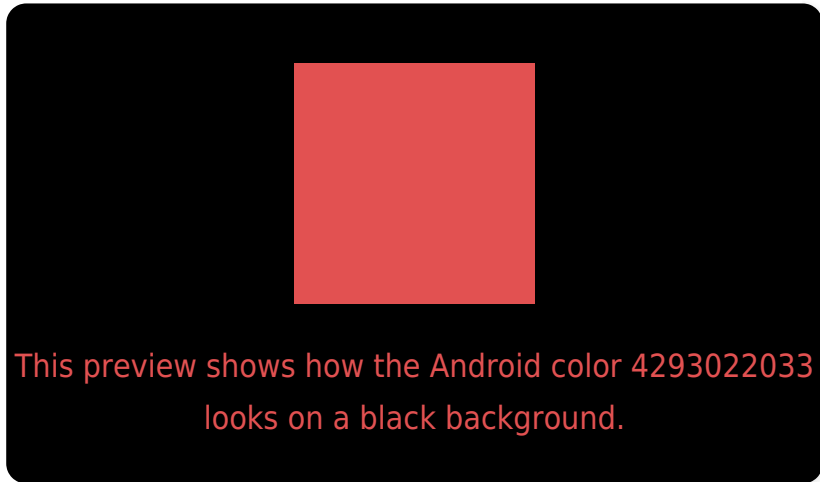
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293022033 Background



This preview shows how black text looks on a background with the Android color 4293022033.



This preview shows how white text looks on a background with the Android color 4293022033.

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
4293022033

Protanopia
4287398757

Deuteranopia
4288707913

Trichromacy



Original Color
4293022033

Protanomaly
4289425758

Deuteranomaly
4290276684

Tritanomaly
4293021780

Monochromacy



Original Color
4293022033

Achromatopsia
4286348412

Achromatomaly
4288769132

CSS Examples

Text

The CSS property to change the color of the text to Android 4293022033 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(226, 81, 81)` looks like.

```
.text, #text, p{  
  color:rgb(226, 81, 81)  
}
```

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(226, 81, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 81, 81) }
```

Border

The CSS property to change the border of an element to Android 4293022033 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(226, 81, 81) }
```

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

```
.border{ border-color:rgb(226, 81, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 81, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 81, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 81, 81);  
box-shadow:4px 4px 4px 4px rgb(226, 81,  
81) }
```

Background

The CSS property to change the background color of an element to Android 4293022033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 81, 81) }
```

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

```
.background{ background-color: rgb(226, 81,  
81) }
```

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