

Converting Colors

Android(4293017633)

Have a look what the booklet for
Android(4293017633) contains.

Android(4293017633)	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(4293017633)

Conversions

Conversions Part 1

Format	Color
Hex	E24021
RGB	226, 64, 33
RGB Percent	89%, 25%, 13%
CMY	0.1137, 0.7490, 0.8706
CMYK	0.00, 0.72, 0.85, 0.11
HSL	10°, 77%, 51%
HSV	10°, 85%, 89%
XYZ	33.4719, 19.9453, 3.5245
YIQ	108.9040, 106.5030, 24.7030

Conversions

Conversions Part 2

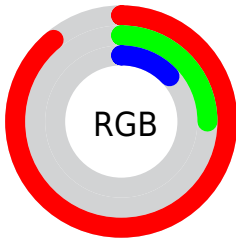
Format	Color
R_{YB}	226, 70, 33
Decimal	14827553
CIE _{Lab}	51.78, 60.95, 53.11
CIE _{LCh}	52, 80.849, 41.069
Yxy	19.9453, 0.5878, 0.3503
Android (android.graphics.Color)	4293017633 (0xFFE24021)
YUV	108.9040, -37.4207, 102.6932
Hunter-Lab	44.6602, 55.6268, 26.5831

Details

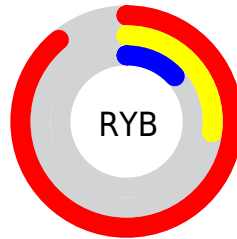
The Android color **4293017633** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **4280402914**, and the grayscale version is **4285361517**.

A 20% lighter version of the original color is **4294933074**, and **4288806912** is the 20% darker color. If you saturate the color by 10%, you get **4293012746**, and if you desaturate by 10%, it is **4293022520**.

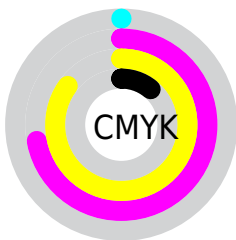
Distribution



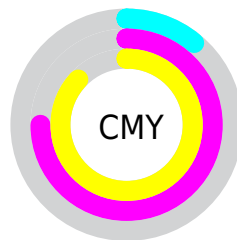
- Red (89%)
- Green (25%)
- Blue (13%)



- Red (89%)
- Yellow (27%)
- Blue (13%)



- Cyan (0%)
- Magenta (72%)
- Yellow (85%)
- Black (11%)



- Cyan (11%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4293017633 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 4293017633 by changing the saturation by 10% instead.



4293017633



4293017633

4294967295



4290911750



4294933074



4288806912



4294940267



4286709760



4294947717



4284678144



4294955168



4282777602



4294962619



4280745985



4294967255



4278190080



4294967284



4293017633



4293017633

■ 4293012746

■ 4293022520

■ 4293010432

■ 4293027406

■ 4293032293

■ 4293037179

■ 4293042066

■ 4293046953

■ 4293051839

■ 4293056726

■ 4293061612

Harmonies

Analogous

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



4294051941



4293017633



4290340608

Triad

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



4293017633



4278228555



4278222079

Complementary

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



4293017633



4280402914

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.



4278226943



4293017633



4278229140

Square

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



4293017633



4280585984



4278228950



4288371429

Rectangle

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



4293017633



4287920640



4278228950



4278224127

Sweetspot

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



4293017633



4294952893



4293009861



4286602840



4278190080



4286611584

Same Dimension

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



4293017633



4294912256



4293041697



4285556581



4289731584



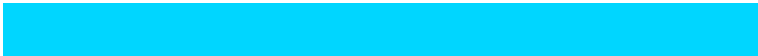
4281337856

Inverse Universe

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



4280402914



4278245119



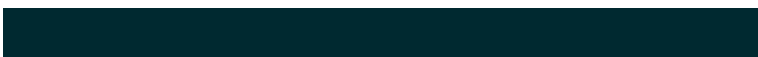
4280378850



4284837488



4278228144



4278200624

Previews

White Background



This preview shows how the Android color 4293017633 looks on a white background.

Color Contrast Check

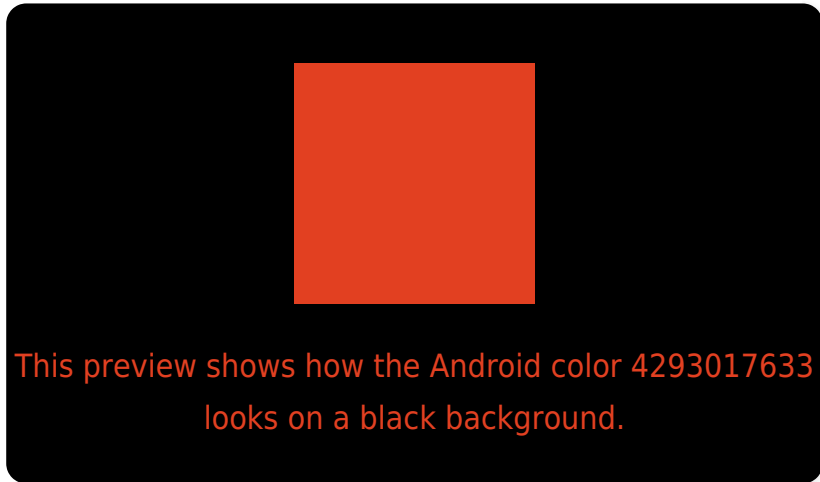
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293017633 Background



This preview shows how black text looks on a background with the Android color 4293017633.



This preview shows how white text looks on a background with the Android color 4293017633.

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

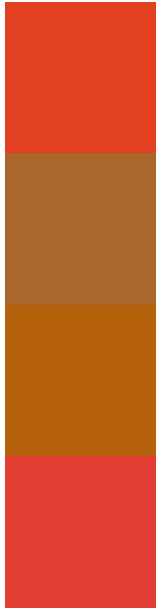


Original Color
4293017633

Protanopia
4287265840

Deuteranopia
4288509440

Trichromacy



Original Color
4293017633

Protanomaly
4289357355

Deuteranomaly
4290142732

Tritanomaly
4293082676

Monochromacy



Original Color
4293017633

Achromatopsia
4285361517

Achromatomaly
4288175441

CSS Examples

Text

The CSS property to change the color of the text to Android 4293017633 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, 64, 33)` looks like.

```
.text, #text, p{  
    color:rgb(226, 64, 33)  
}
```

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, 64, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 64, 33) }
```

Border

The CSS property to change the border of an element to Android 4293017633 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, 64, 33) }
```

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

```
.border{ border-color:rgb(226, 64, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 64, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 64, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 64, 33);  
box-shadow:4px 4px 4px 4px rgb(226, 64,  
33) }
```

Background

The CSS property to change the background color of an element to Android 4293017633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 64, 33) }
```

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

```
.background{ background-color: rgb(226, 64,  
33) }
```

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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