

Converting Colors

Android(4286787633)

Have a look what the booklet for
Android(4286787633) contains.

Android(4286787633)	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(4286787633)

Conversions

Conversions Part 1

Format	Color
Hex	833031
RGB	131, 48, 49
RGB Percent	51%, 19%, 19%
CMY	0.4863, 0.8118, 0.8078
CMYK	0.00, 0.63, 0.63, 0.49
HSL	359°, 46%, 35%
HSV	359°, 63%, 51%
XYZ	10.9714, 7.1610, 3.7097
YIQ	72.9310, 49.1470, 17.9070

Conversions

Conversions Part 2

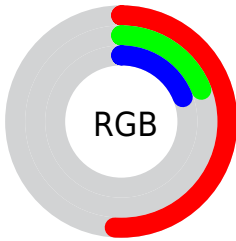
Format	Color
R_{YB}	131, 48, 49
Decimal	8597553
CIE _{Lab}	32.17, 35.82, 18.22
CIE _{LCh}	32, 40.185, 26.956
Yxy	7.1610, 0.5023, 0.3279
Android (android.graphics.Color)	4286787633 (0xFF833031)
YUV	72.9310, -11.7980, 50.9265
Hunter-Lab	26.7600, 26.3539, 10.5127

Details

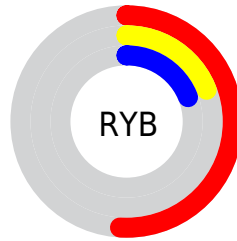
The Android color **4286787633** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **4281369474**, and the grayscale version is **4282992969**.

A 20% lighter version of the original color is **4290536031**, and **4283170819** is the 20% darker color. If you saturate the color by 10%, you get **4286784292**, and if you desaturate by 10%, it is **4286790974**.

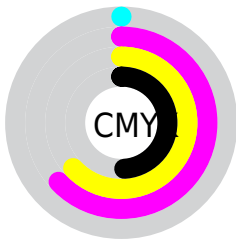
Distribution



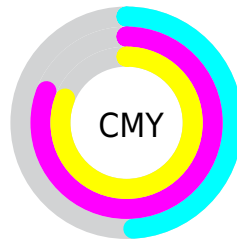
- Red (51%)
- Green (19%)
- Blue (19%)



- Red (51%)
- Yellow (19%)
- Blue (19%)



- Cyan (0%)
- Magenta (63%)
- Yellow (63%)
- Black (49%)



- Cyan (49%)
- Magenta (81%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286787633 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 4286787633 by changing the saturation by 10% instead.



4286787633



4286787633

4294967295



4284945948



4290536031



4283170819



4292508792



4281532416



4294481810



4278517760



4294947500



4278190080



4294954695



4294961891



4286787633



4286787633



4286784292



4286790974

■ 4286780951

■ 4286794315

■ 4286777610

■ 4286797656

■ 4286775298

■ 4286800997

■ 4286804594

■ 4286807935

■ 4286811276

■ 4286814617

■ 4286817957

Harmonies

Analogous

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



4286721360



4286787633



4285938710

Triad

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



4286787633



4279064615



4278210699

Complementary

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



4286787633



4281369474

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.



4278212480



4286787633



4278213191

Square

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



4286787633



4282339851



4278213223



4282729860

Rectangle

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



4286787633



4284957958



4278213223



4278211465

Sweetspot

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



4286787633



4289432203



4286722179



4283908931



4292269782



4283914071

Same Dimension

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



4286787633



4289407275



4286797872



4282530876



4286709762



4278386688

Inverse Universe

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



4286787633



4289407275



4281359235



4282530876



4286709762



4278386688

Previews

White Background



This preview shows how the Android color 4286787633 looks on a white background.

Color Contrast Check

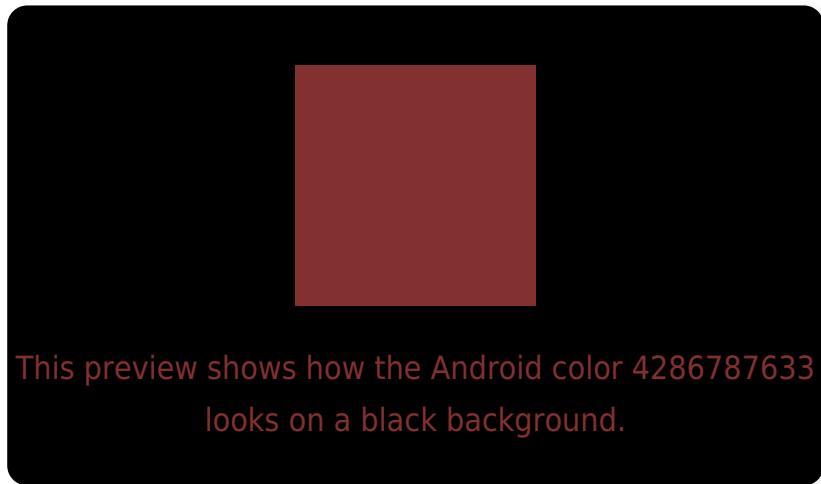
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4286787633 Background



This preview shows how black text looks on a background with the Android color 4286787633.

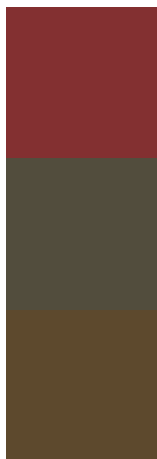


This preview shows how white text looks on a background with the Android color 4286787633.

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
4286787633

Protanopia
4283583805

Deuteranopia
4284303661

Trichromacy



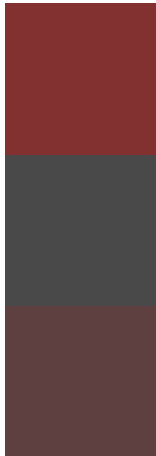
Original Color
4286787633

Protanomaly
4284760633

Deuteranomaly
4285218862

Tritanomaly
4286787634

Monochromacy



Original Color
4286787633

Achromatopsia
4282992969

Achromatomaly
4284366912

CSS Examples

Text

The CSS property to change the color of the text to Android 4286787633 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(131, 48, 49)` looks like.

```
.text, #text, p{  
    color:rgb(131, 48, 49)  
}
```

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(131, 48, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 48, 49) }
```

Border

The CSS property to change the border of an element to Android 4286787633 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(131, 48, 49) }
```

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

```
.border{ border-color:rgb(131, 48, 49) }
```

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

Here you see how a box with a 4 pixel rgb(131, 48, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 48, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 48, 49);  
box-shadow:4px 4px 4px 4px rgb(131, 48,  
49) }
```

Background

The CSS property to change the background color of an element to Android 4286787633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 48, 49) }
```

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

```
.background{ background-color: rgb(131, 48,  
49) }
```

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