

Converting Colors

Android(4287199801)

Have a look what the booklet for
Android(4287199801) contains.

Android(4287199801)	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(4287199801)

Conversions

Conversions Part 1

Format	Color
Hex	897A39
RGB	137, 122, 57
RGB Percent	54%, 48%, 22%
CMY	0.4627, 0.5216, 0.7765
CMYK	0.00, 0.11, 0.58, 0.46
HSL	49°, 41%, 38%
HSV	49°, 58%, 54%
XYZ	18.0146, 19.5328, 6.6916
YIQ	119.0750, 29.8050, -17.0350

Conversions

Conversions Part 2

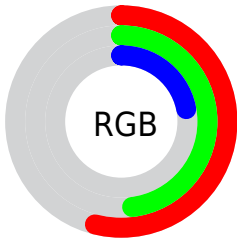
Format	Color
RYB	75, 137, 57
Decimal	9009721
CIELab	51.30, -2.90, 37.12
CIElCh	51, 37.230, 94.464
Yxy	19.5328, 0.4072, 0.4415
Android (android.graphics.Color)	4287199801 (0xFF897A39)
YUV	119.0750, -30.6030, 15.7202
Hunter-Lab	44.1960, -4.5851, 21.9602

Details

The Android color `4287199801` is a dark color, and the websafe version is hex `666633`. A complement of this color would be `4281944201`, and the grayscale version is `4286019447`.

A 20% lighter version of the original color is `4290817642`, and `4283779591` is the 20% darker color. If you saturate the color by 10%, you get `4287199019`, and if you desaturate by 10%, it is `4287200583`.

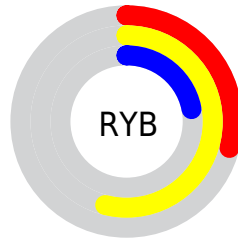
Distribution



Red (54%)

Green (48%)

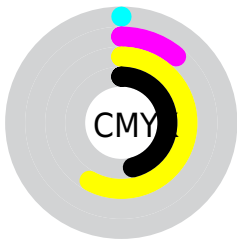
Blue (22%)



Red (29%)

Yellow (54%)

Blue (22%)

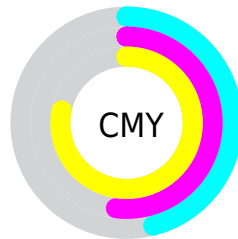


Cyan (0%)

Magenta (11%)

Yellow (58%)

Black (46%)



Cyan (46%)

Magenta (52%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287199801 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 4287199801 by changing the saturation by 10% instead.



4287199801



4287199801

4294967295



4285423905



4290817642



4283779591



4292725380



4282135296



4294633119



4280557056



4294967226



4278191872



4294967254



4278190080



4294967283



4287199801



4287199801



4287199019



4287200583

■ 4287198494

■ 4287201108

■ 4287197712

■ 4287201890

■ 4287197186

■ 4287202416

■ 4287196928

■ 4287203198

■ 4287203723

■ 4287204505

■ 4287205287

■ 4287205812

Harmonies

Analogous

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



4288966465



4287199801



4285039428

Triad

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



4287199801



4278225565



4289095062

Complementary

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



4287199801



4281944201

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.



4286804143



4287199801



4278224307

Square

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



4287199801



4278225790



4283333817



4290076791

Rectangle

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



4287199801



4283270996



4283333817



4288440480

Sweetspot

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



4287199801



4289965202



4287183177



4284044870



4292467161



4284045657

Same Dimension

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



4287199801



4289960758



4285630777



4282729534



4286934016



4278518784

Inverse Universe

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



4281944201



4281748915



4283513225



4282269509



4278196613



4278190341

Previews

White Background



This preview shows how the Android color 4287199801 looks on a white background.

Color Contrast Check

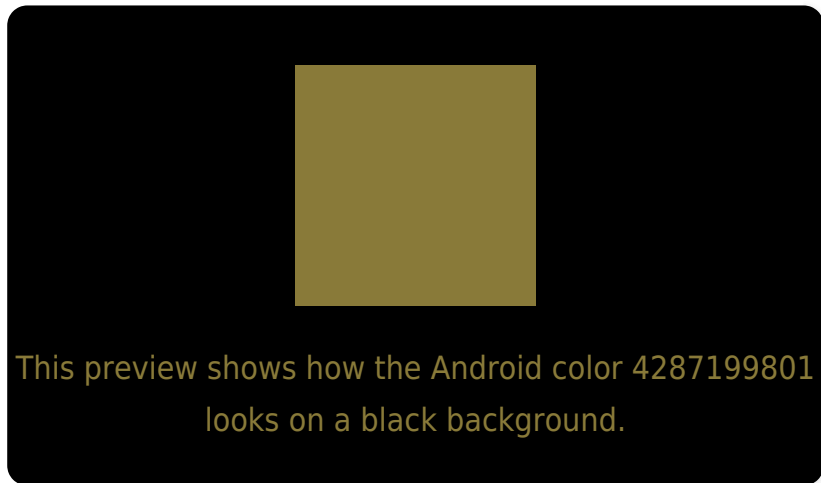
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287199801 Background



This preview shows how black text looks on a background with the Android color 4287199801.



This preview shows how white text looks on a background with the Android color 4287199801.

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
4287199801

Protanopia
4287134265

Deuteranopia
4288115770



Tritanopia
4287591292

Trichromacy



Original Color
4287199801

Protanomaly
4287134265

Deuteranomaly
4287788602

Tritanomaly
4287460964

Monochromacy



Original Color
4287199801

Achromatopsia
4286019447

Achromatomaly
4286478432

CSS Examples

Text

The CSS property to change the color of the text to Android 4287199801 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(137, 122, 57)` looks like.

```
.text, #text, p{  
    color:rgb(137, 122, 57)  
}
```

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(137, 122, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 122, 57) }
```

Border

The CSS property to change the border of an element to Android 4287199801 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(137, 122, 57) }
```

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

```
.border{ border-color:rgb(137, 122, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 122, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 122, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 122, 57);  
box-shadow:4px 4px 4px 4px rgb(137, 122,  
57) }
```

Background

The CSS property to change the background color of an element to Android 4287199801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 122, 57) }
```

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

```
.background{ background-color: rgb(137,  
122, 57) }
```

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