

Converting Colors

Android(4292116830)

Have a look what the booklet for
Android(4292116830) contains.

Android(4292116830)	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(4292116830)

Conversions

Conversions Part 1

Format	Color
Hex	D4815E
RGB	212, 129, 94
RGB Percent	83%, 51%, 37%
CMY	0.1686, 0.4941, 0.6314
CMYK	0.00, 0.39, 0.56, 0.17
HSL	18°, 58%, 60%
HSV	18°, 56%, 83%
XYZ	37.0220, 30.5057, 14.5266
YIQ	149.8270, 60.7030, 6.7110

Conversions

Conversions Part 2

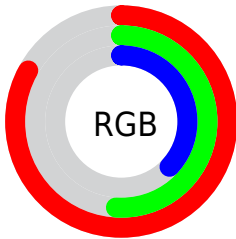
Format	Color
RYB	212, 144, 94
Decimal	13926750
CIELab	62.09, 28.57, 32.44
CIELCh	62, 43.226, 48.631
Yxy	30.5057, 0.4512, 0.3718
Android (android.graphics.Color)	4292116830 (0xFFD4815E)
YUV	149.8270, -27.5227, 54.5257
Hunter-Lab	55.2320, 22.9927, 23.0685

Details

The Android color **4292116830** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4284395988**, and the grayscale version is **4288059030**.

A 20% lighter version of the original color is **4294948753**, and **4288237359** is the 20% darker color. If you saturate the color by 10%, you get **4292112969**, and if you desaturate by 10%, it is **4292120691**.

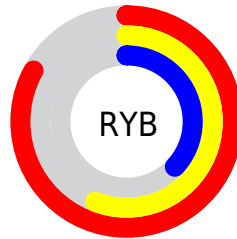
Distribution



Red (83%)

Green (51%)

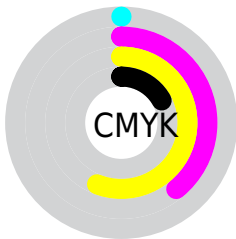
Blue (37%)



Red (83%)

Yellow (56%)

Blue (37%)

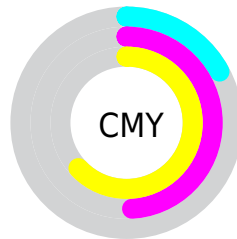


Cyan (0%)

Magenta (39%)

Yellow (56%)

Black (17%)



Cyan (17%)

Magenta (49%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292116830 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 4292116830 by changing the saturation by 10% instead.

 4292116830

 4292116830

4294967295

 4290144070

 4294948753

 4288237359

 4294955692

 4286396185

 4294963143

 4284555008

 4294967267

 4282779136

 4281139200

 4278190080

 4292116830

 4292116830

 4292112969

 4292120691

 4292109108

 4292124552

 4292105246

 4292128414

 4292101385

 4292132275

 4292099840

 4292136136

 4292139741

 4292143602

 4292147455

 4292149247

Harmonies

Analogous

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



4292835200



4292116830



4290416458

Triad

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



4292116830



4280920454



4286747359

Complementary

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



4292116830



4284395988

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.



4281114337



4292116830



4278233773

Square

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



4292116830



4285178978



4278232783



4290216905

Rectangle

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



4292116830



4288911176



4278232783



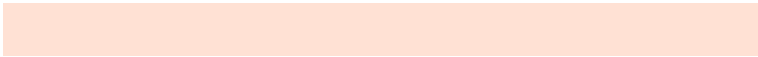
4285241058

Sweetspot

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



4292116830



4294959572



4292107955



4286606950



4278190080



4286611584

Same Dimension

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



4292116830



4294936404



4292131422



4285228128



4289409792



4281011456

Inverse Universe

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



4284395988



4283747583



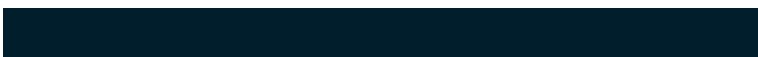
4284381396



4284508267



4278220971



4278197803

Previews

White Background



This preview shows how the Android color 4292116830 looks on a white background.

Color Contrast Check

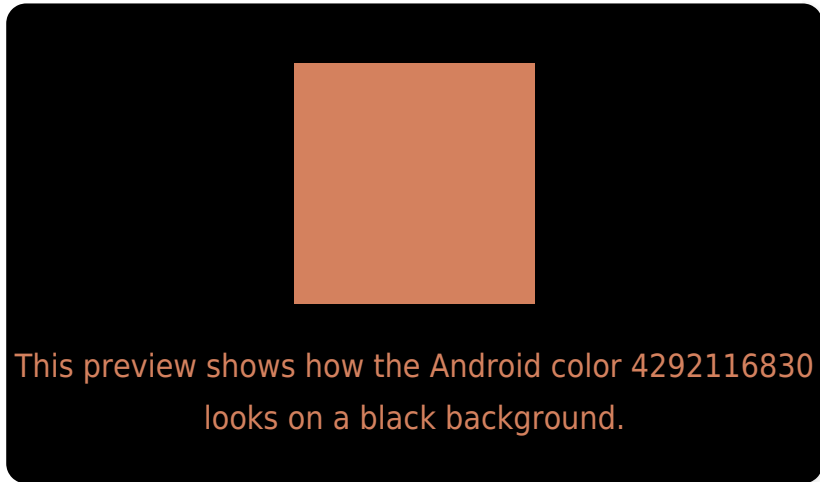
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

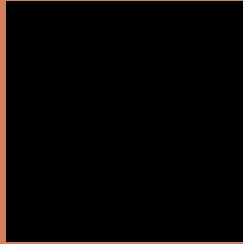
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Android 4292116830 Background



This preview shows how black text looks on a background with the Android color 4292116830.



This preview shows how white text looks on a background with the Android color 4292116830.

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
4292116830

Protanopia
4288910950

Deuteranopia
4290154587



Tritanopia
4292312197

Trichromacy



Original Color
4292116830

Protanomaly
4290088547

Deuteranomaly
4290874204

Tritanomaly
4292247159

Monochromacy



Original Color
4292116830

Achromatopsia
4288059030

Achromatomaly
4289564290

CSS Examples

Text

The CSS property to change the color of the text to Android 4292116830 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(212, 129, 94)` looks like.

```
.text, #text, p{  
    color:rgb(212, 129, 94)  
}
```

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(212, 129, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 129, 94) }
```

Border

The CSS property to change the border of an element to Android 4292116830 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(212, 129, 94) }
```

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

```
.border{ border-color:rgb(212, 129, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 129, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 129, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 129, 94);  
box-shadow:4px 4px 4px 4px rgb(212, 129,  
94) }
```

Background

The CSS property to change the background color of an element to Android 4292116830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 129, 94) }
```

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

```
.background{ background-color: rgb(212,  
129, 94) }
```

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