

Converting Colors

Android(4292568870)

Have a look what the booklet for
Android(4292568870) contains.

| | |
|--|----|
| Android(4292568870) | 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(4292568870)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DB6726 |
| RGB | 219, 103, 38 |
| RGB Percent | 86%, 40%, 15% |
| CMY | 0.1412, 0.5961, 0.8510 |
| CMYK | 0.00, 0.53, 0.83, 0.14 |
| HSL | 22°, 72%, 50% |
| HSV | 22°, 83%, 86% |
| XYZ | 34.4135, 24.9005, 4.8262 |
| YIQ | 130.2740, 90.0010, 4.3770 |

Conversions

Conversions Part 2

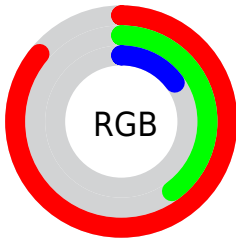
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 219, 139, 38 |
| Decimal | 14378790 |
| CIE Lab | 56.98, 41.81, 55.04 |
| CIE LCh | 57, 69.121, 52.783 |
| Yxy | 24.9005, 0.5365, 0.3882 |
| Android (android.graphics.Color) | 4292568870 (0xFFDB6726) |
| YUV | 130.2740, -45.4911, 77.8127 |
| Hunter-Lab | 49.9004, 35.7757, 29.1959 |

Details

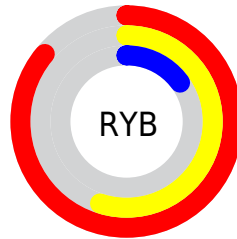
The Android color **4292568870** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **4280720091**, and the grayscale version is **4286808963**.

A 20% lighter version of the original color is **4294941785**, and **4288492288** is the 20% darker color. If you saturate the color by 10%, you get **4292565264**, and if you desaturate by 10%, it is **4292572476**.

Distribution



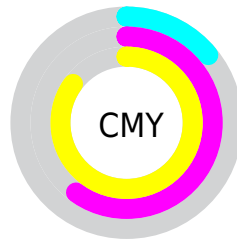
- Red (86%)
- Green (40%)
- Blue (15%)



- Red (86%)
- Yellow (55%)
- Blue (15%)



- Cyan (0%)
- Magenta (53%)
- Yellow (83%)
- Black (14%)



- Cyan (14%)
- Magenta (60%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292568870 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 4292568870 by changing the saturation by 10% instead.



4292568870



4292568870

4294967295



4290530568



4294941785



4288492288



4294948979



4286453760



4294956173



4284481536



4294963624



4282646528



4294967236



4280942593



4294967264



4278190080

4294967293



4292568870



4292568870

■ 4292565264

■ 4292572476

■ 4292562688

■ 4292576082

■ 4292579688

■ 4292583294

■ 4292586899

■ 4292590505

■ 4292594111

■ 4292597717

■ 4292601323

Harmonies

Analogous

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



4294069598



4292568870



4289757440

Triad

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



4292568870



4278231928



4284973049

Complementary

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



4292568870



4280720091

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.



4278228223



4292568870



4278232246

Square

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



4292568870



4279606842



4278231272



4290929363

Rectangle

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



4292568870



4287401472



4278231272



4280125439

Sweetspot

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



4292568870



4294956735



4292552348



4286605145



4278190080



4286611584

Same Dimension

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



4292568870



4294925571



4292591654



4285425507



4289543680



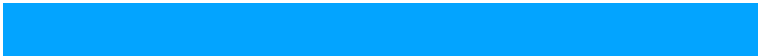
4281208832

Inverse Universe

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



4280720091



4278428927



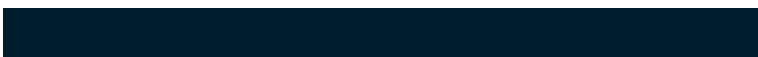
4280697307



4284705390



4278218669



4278197550

Previews

White Background



This preview shows how the Android color 4292568870 looks on a white background.

Color Contrast Check

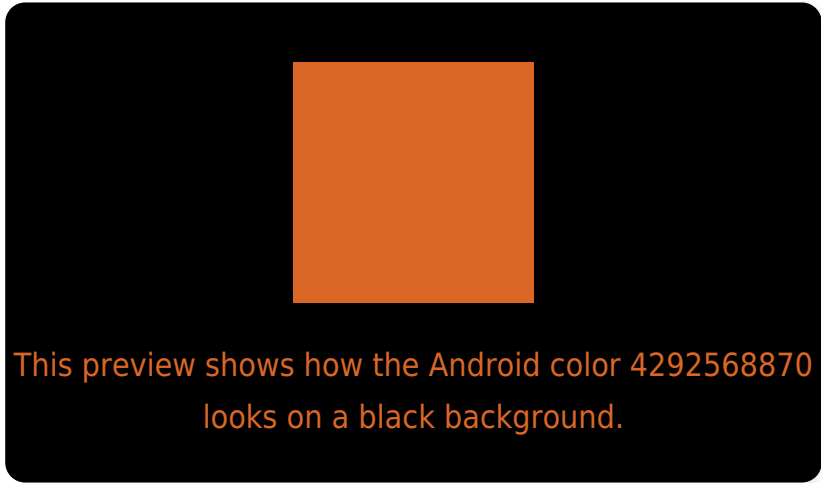
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292568870 Background



This preview shows how black text looks on a background with the Android color 4292568870.



This preview shows how white text looks on a background with the Android color 4292568870.

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

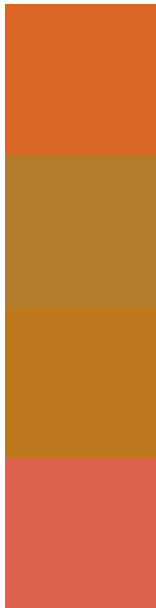


Original Color
4292568870

Protanopia
4288317999

Deuteranopia
4289561114

Trichromacy



Original Color
4292568870

Protanomaly
4289887532

Deuteranomaly
4290672670

Tritanomaly
4292698959

Monochromacy



Original Color
4292568870

Achromatopsia
4286743170

Achromatomaly
4288837729

CSS Examples

Text

The CSS property to change the color of the text to Android 4292568870 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(219, 103, 38)` looks like.

```
.text, #text, p{  
    color:rgb(219, 103, 38)  
}
```

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(219, 103, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 103, 38) }
```

Border

The CSS property to change the border of an element to Android 4292568870 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(219, 103, 38) }
```

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

```
.border{ border-color:rgb(219, 103, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 103, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 103, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 103, 38);  
box-shadow:4px 4px 4px 4px rgb(219, 103,  
38) }
```

Background

The CSS property to change the background color of an element to Android 4292568870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 103, 38) }
```

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

```
.background{ background-color: rgb(219,  
103, 38) }
```

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