

Converting Colors

Android(4292504896)

Have a look what the booklet for
Android(4292504896) contains.

| | |
|--|----|
| Android(4292504896) | 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(4292504896)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DA6D40 |
| RGB | 218, 109, 64 |
| RGB Percent | 85%, 43%, 25% |
| CMY | 0.1451, 0.5725, 0.7490 |
| CMYK | 0.00, 0.50, 0.71, 0.15 |
| HSL | 18°, 68%, 55% |
| HSV | 18°, 71%, 85% |
| XYZ | 35.3075, 26.2129, 8.0492 |
| YIQ | 136.4610, 79.4090, 9.1130 |

Conversions

Conversions Part 2

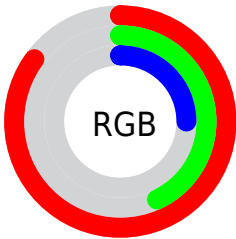
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 218, 128, 64 |
| Decimal | 14314816 |
| CIE Lab | 58.24, 39.43, 44.06 |
| CIE LCh | 58, 59.130, 48.170 |
| Yxy | 26.2129, 0.5075, 0.3768 |
| Android (android.graphics.Color) | 4292504896 (0xFFDA6D40) |
| YUV | 136.4610, -35.7233, 71.5097 |
| Hunter-Lab | 51.1985, 33.4997, 26.5177 |

Details

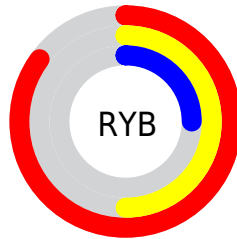
The Android color **4292504896** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4282428890**, and the grayscale version is **4287203721**.

A 20% lighter version of the original color is **4294943346**, and **4288494096** is the 20% darker color. If you saturate the color by 10%, you get **4292501034**, and if you desaturate by 10%, it is **4292508758**.

Distribution



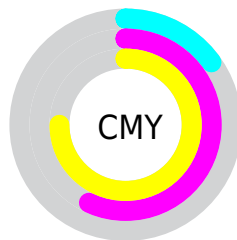
- Red (85%)
- Green (43%)
- Blue (25%)



- Red (85%)
- Yellow (50%)
- Blue (25%)



- Cyan (0%)
- Magenta (50%)
- Yellow (71%)
- Black (15%)



- Cyan (15%)
- Magenta (57%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292504896 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 4292504896 by changing the saturation by 10% instead.



4292504896



4292504896

4294967295



4290466600



4294943346



4288494096



4294950540



4286521344



4294957734



4284612608



4294965186



4282712064



4294967262



4281073665



4294967291



4278190080



4292504896



4292504896



4292501034



4292508758

 4292496916

 4292512876

 4292493312

 4292516737

 4292520855

 4292524717

 4292528835

 4292532697

 4292536558

 4292540671

Harmonies

Analogous

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



4293549167



4292504896



4290216476

Triad

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



4292504896



4278231925



4284778479

Complementary

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



4292504896



4282428890

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.



4278229233



4292504896



4278232491

Square

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



4292504896



4283080259



4278231512



4290146514

Rectangle

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



4292504896



4288253461



4278231512



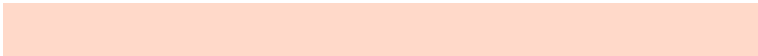
4281372147

Sweetspot

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



4292504896



4294957513



4292493486



4286605664



4278190080



4286611584

Same Dimension

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



4292504896



4294927910



4292524352



4285425251



4289540864



4281208064

Inverse Universe

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



4282428890



4280729855



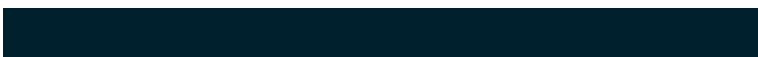
4282409434



4284705390



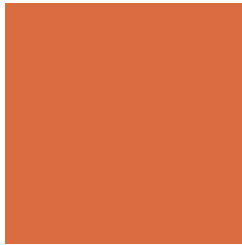
4278221741



4278198318

Previews

White Background



This preview shows how the Android color 4292504896 looks on a white background.

Color Contrast Check

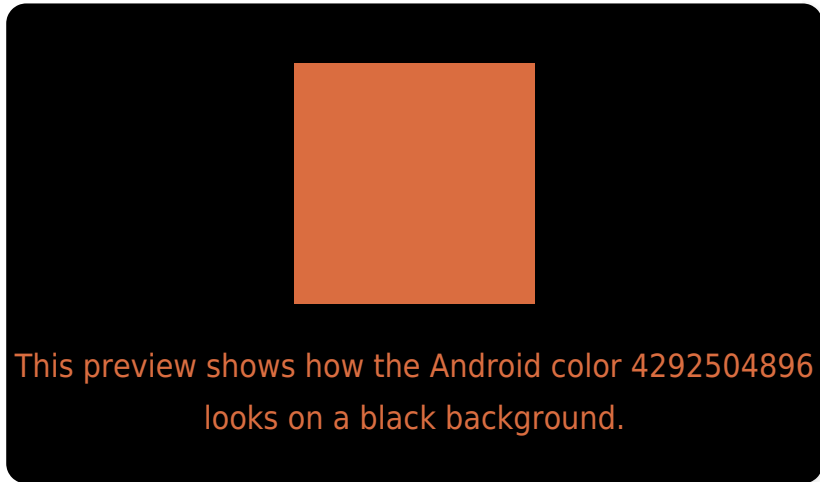
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292504896 Background



This preview shows how black text looks on a background with the Android color 4292504896.



This preview shows how white text looks on a background with the Android color 4292504896.

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
4292504896

Protanopia
4288384330

Deuteranopia
4289693242

Trichromacy



Original Color
4292504896

Protanomaly
4289888582

Deuteranomaly
4290739516

Tritanomaly
4292569438

Monochromacy



Original Color
4292504896

Achromatopsia
4287137928

Achromatomaly
4289101422

CSS Examples

Text

The CSS property to change the color of the text to Android 4292504896 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(218, 109, 64)` looks like.

```
.text, #text, p{  
    color:rgb(218, 109, 64)  
}
```

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(218, 109, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 109, 64) }
```

Border

The CSS property to change the border of an element to Android 4292504896 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(218, 109, 64) }
```

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

```
.border{ border-color:rgb(218, 109, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 109, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 109, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 109, 64);  
box-shadow:4px 4px 4px 4px rgb(218, 109,  
64) }
```

Background

The CSS property to change the background color of an element to Android 4292504896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 109, 64) }
```

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

```
.background{ background-color: rgb(218,  
109, 64) }
```

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