

# Converting Colors

Android(4292573798)

Have a look what the booklet for  
Android(4292573798) contains.

<b>Android(4292573798)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4292573798)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB7A66
RGB	219, 122, 102
RGB Percent	86%, 48%, 40%
CMY	0.1412, 0.5216, 0.6000
CMYK	0.00, 0.44, 0.53, 0.14
HSL	10°, 62%, 63%
HSV	10°, 53%, 86%
XYZ	38.5712, 29.9384, 16.3161
YIQ	148.7230, 64.2320, 14.3440

# Conversions

## Conversions Part 2

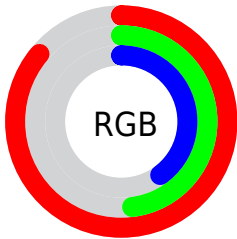
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">219, 126, 102</a>
Decimal	<a href="#">14383718</a>
CIELab	<a href="#">61.60, 35.69, 27.56</a>
CIELCh	<a href="#">62, 45.096, 37.679</a>
Yxy	<a href="#">29.9384, 0.4547, 0.3529</a>
Android (android.graphics.Color)	<a href="#">4292573798 (0xFFDB7A66)</a>
YUV	<a href="#">148.7230, -23.0344, 61.6329</a>
Hunter-Lab	<a href="#">54.7160, 30.0778, 20.6211</a>

# Details

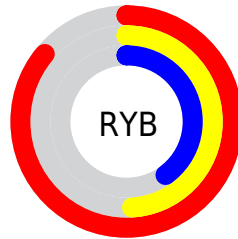
The Android color **4292573798** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4284925915**, and the grayscale version is **4287993237**.

A 20% lighter version of the original color is **4294946969**, and **4288694071** is the 20% darker color. If you saturate the color by 10%, you get **4292569168**, and if you desaturate by 10%, it is **4292578428**.

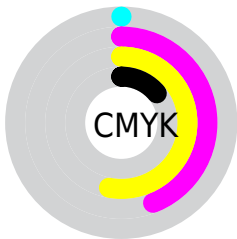
# Distribution



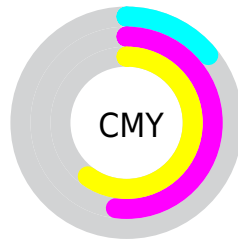
- Red (86%)
- Green (48%)
- Blue (40%)



- Red (86%)
- Yellow (49%)
- Blue (40%)



- Cyan (0%)
- Magenta (44%)
- Yellow (53%)
- Black (14%)



- Cyan (14%)
- Magenta (52%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292573798 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 4292573798 by changing the saturation by 10% instead.



 4292573798

 4292573798

4294967295

 4290601038

 4294946969

 4288694071

 4294954164

 4286787105

 4294961360

 4284945419

 4294967276

 4283105280

 4281466881

 4278190080

 4292573798

 4292573798

 4292569168

 4292578428

 4292564538

 4292583058

 4292559908

 4292587688

 4292555022

 4292592574

 4292551936

 4292597204

 4292601833

 4292606463

 4292607999

# Harmonies

## Analogous

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



4292834188



4292573798



4291135563

# Triad

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



4292573798



4282361717



4284782308

# Complementary

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



4292573798



4284925915

# 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.



4278231518



4292573798



4278233502

# Square

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



4292573798



4286095443



4278233028



4289103572

# Rectangle

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



4292573798



4289696067



4278233028



4282686180

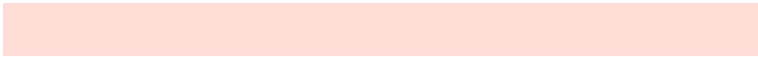


# Sweetspot

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



4292573798



4294958550



4292568775



4286606183



4278190080



4286611584



# Same Dimension

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



4292573798



4294932572



4292588646



4285424995



4289535488



4281206784

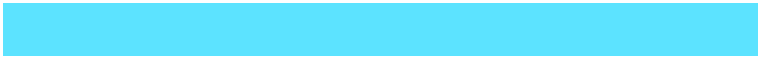


# Inverse Universe

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



4284925915



4284277759



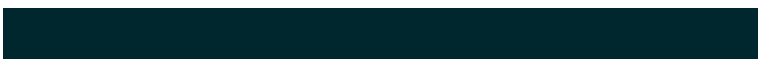
4284911067



4284705902



4278227117



4278199854



# Previews

## White Background



This preview shows how the Android color 4292573798 looks on a white background.

## Color Contrast Check

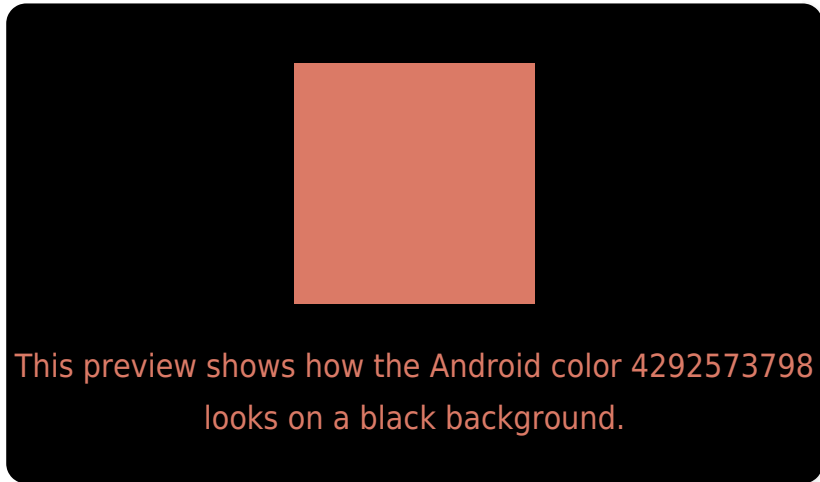
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292573798 Background



This preview shows how black text looks on a background with the Android color 4292573798.



This preview shows how white text looks on a background with the Android color 4292573798.

# 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**  
4292573798

**Protanopia**  
4288714098

**Deuteranopia**  
4289957730



# Trichromacy



**Original Color**  
4292573798

**Protanomaly**  
4290087790

**Deuteranomaly**  
4290938723

**Tritanomaly**  
4292638582

# Monochromacy



**Original Color**  
4292573798

**Achromatopsia**  
4287993237

**Achromatomaly**  
4289629060

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292573798 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, 122, 102)` looks like.

```
.text, #text, p{  
    color:rgb(219, 122, 102)  
}
```

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, 122, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 122, 102) }
```

## Border

The CSS property to change the border of an element to Android 4292573798 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, 122, 102) }
```

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

```
.border{ border-color:rgb(219, 122, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 122, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 122, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 122, 102);  
box-shadow:4px 4px 4px 4px rgb(219, 122,  
102) }
```

# Background

The CSS property to change the background color of an element to Android 4292573798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 122, 102) }
```

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

```
.background{ background-color: rgb(219,  
122, 102) }
```

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