

# Converting Colors

Android(4292506223)

Have a look what the booklet for  
Android(4292506223) contains.

<b>Android(4292506223)</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(4292506223)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA726F
RGB	218, 114, 111
RGB Percent	85%, 45%, 44%
CMY	0.1451, 0.5529, 0.5647
CMYK	0.00, 0.48, 0.49, 0.15
HSL	2°, 59%, 65%
HSV	2°, 49%, 85%
XYZ	37.8000, 28.0878, 18.4681
YIQ	144.7540, 62.9470, 21.1150

# Conversions

## Conversions Part 2

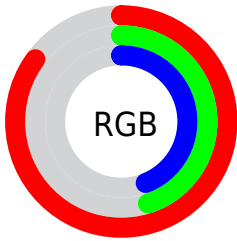
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 114, 111
Decimal	14316143
CIE Lab	59.97, 40.25, 20.27
CIE LCh	60, 45.063, 26.731
Yxy	28.0878, 0.4481, 0.3330
Android (android.graphics.Color)	4292506223 (0xFFDA726F)
YUV	144.7540, -16.6407, 64.2367
Hunter-Lab	52.9979, 34.5664, 16.4378

# Details

The Android color **4292506223** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4285519834**, and the grayscale version is **4287730065**.

A 20% lighter version of the original color is **4294944931**, and **4288626239** is the 20% darker color. If you saturate the color by 10%, you get **4292500825**, and if you desaturate by 10%, it is **4292511621**.

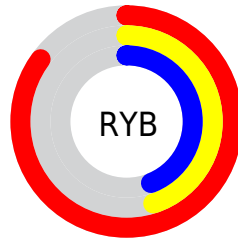
# Distribution



Red (85%)

Green (45%)

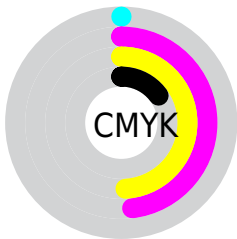
Blue (44%)



Red (85%)

Yellow (45%)

Blue (44%)

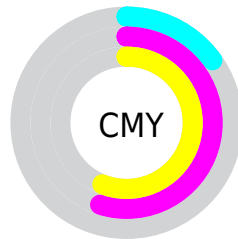


Cyan (0%)

Magenta (48%)

Yellow (49%)

Black (15%)



Cyan (15%)

Magenta (55%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292506223 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 4292506223 by changing the saturation by 10% instead.



 4292506223

 4292506223

4294967295

 4290533463

 4294944931

 4288626239

 4294952126

 4286719273

 4294959321

 4284876053

 4294966774

 4283105280

 4281466882

 4278190080

 4292506223

 4292506223

 4292500825

 4292511621

 4292495427

 4292517019

 4292489774

 4292522672

 4292484376

 4292528070

 4292478978

 4292533468

 4292478464

 4292538866

 4292542463

# Harmonies

## Analogous

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



4292308887



4292506223



4291460687

# Triad

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



4292506223



4283670883



4282095327

# Complementary

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



4292506223



4285519834

# 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.



4278231250



4292506223



4278232203

# Square

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



4292506223



4286880071



4278232243



4287400151

# Rectangle

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



4292506223



4290218050



4278232243



4278229725



# Sweetspot

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



4292506223



4294957785



4292505560



4286605673



4278190080



4286611584



# Same Dimension

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



4292506223



4294929769



4292519535



4285424483



4289529088



4281204992



# Inverse Universe

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



4285519834



4285135871



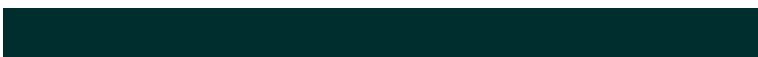
4285506522



4284706158



4278233517

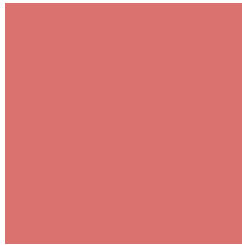


4278201646



# Previews

## White Background



This preview shows how the Android color 4292506223 looks on a white background.

## Color Contrast Check

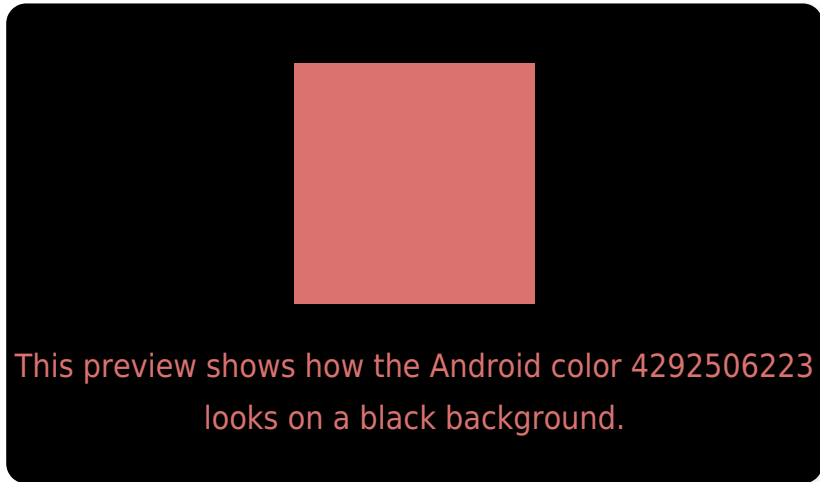
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292506223 Background



This preview shows how black text looks on a background with the Android color 4292506223.




This preview shows how white text looks on a background with the Android color 4292506223.

# 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





**Tritanopia**  
4292571513

# Trichromacy



**Original Color**  
4292506223

**Protanomaly**  
4289758840

**Deuteranomaly**  
4290544236

**Tritanomaly**  
4292571509

# Monochromacy



**Original Color**  
4292506223

**Achromatopsia**  
4287730065

**Achromatomaly**  
4289496709

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292506223 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, 114, 111)` looks like.

```
.text, #text, p{  
    color:rgb(218, 114, 111)  
}
```

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, 114, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 114, 111) }
```

## Border

The CSS property to change the border of an element to Android 4292506223 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, 114, 111) }
```

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

```
.border{ border-color:rgb(218, 114, 111) }
```

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

Here you see how a box with a 4 pixel rgb(218, 114, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 114, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 114, 111);  
box-shadow:4px 4px 4px 4px rgb(218, 114,  
111) }
```

# Background

The CSS property to change the background color of an element to Android 4292506223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 114, 111) }
```

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

```
.background{ background-color: rgb(218,  
114, 111) }
```

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