

# Converting Colors

Android(4292926637)

Have a look what the booklet for  
Android(4292926637) contains.

<b>Android(4292926637)</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(4292926637)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0DCAD
RGB	224, 220, 173
RGB Percent	88%, 86%, 68%
CMY	0.1216, 0.1373, 0.3216
CMYK	0.00, 0.02, 0.23, 0.12
HSL	55°, 45%, 78%
HSV	55°, 23%, 88%
XYZ	63.8765, 70.0508, 49.6897
YIQ	215.8380, 17.4710, -13.7690

# Conversions

## Conversions Part 2

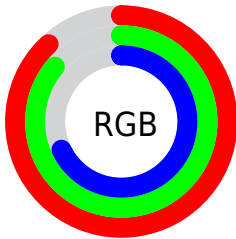
Format	Color
<a href="#">RYB</a>	<a href="#">177, 224, 173</a>
Decimal	<a href="#">14736557</a>
CIELab	<a href="#">87.02, -6.10, 23.64</a>
CIELCh	<a href="#">87, 24.417, 104.458</a>
Yxy	<a href="#">70.0508, 0.3479, 0.3815</a>
Android (android.graphics.Color)	<a href="#">4292926637</a> ( <a href="#">0xFFE0DCAD</a> )
YUV	<a href="#">215.8380, -21.1191, 7.1581</a>
Hunter-Lab	<a href="#">83.6964, -10.2387, 23.3876</a>

# Details

The Android color `4292926637` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4289573344`, and the grayscale version is `4292401368`.

A 20% lighter version of the original color is `4294967269`, and `4289242488` is the 20% darker color. If you saturate the color by 10%, you get `4292926103`, and if you desaturate by 10%, it is `4292927171`.

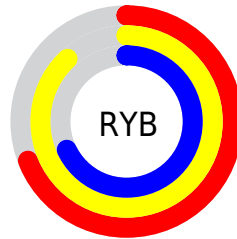
# Distribution



Red (88%)

Green (86%)

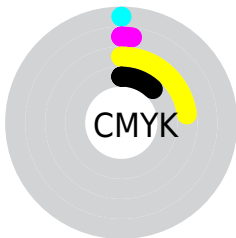
Blue (68%)



Red (69%)

Yellow (88%)

Blue (68%)

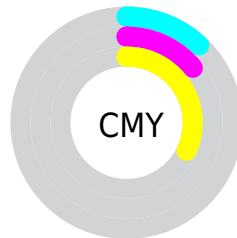


Cyan (0%)

Magenta (2%)

Yellow (23%)

Black (12%)



Cyan (12%)

Magenta (14%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292926637 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 4292926637 by changing the saturation by 10% instead.



 4292926637

 4292926637

4294967295

 4291084434

 4294967269

 4289242488

 4287531871

 4285821255

 4284111152

 4282532378

 4281084930

 4279506944

 4278190080

 4292926637

 4292926637

 4292926103

 4292927171

 4292925568

 4292927706

 4292925290

 4292927984

 4292924755

 4292928511

 4292924221

 4292929023

 4292923687

 4292929535

 4292923408

 4292929791

 4292922880

 4292930303

 4292930815

# Harmonies

## Analogous

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



4294431918



4292926637



4291224248

# Triad

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



4292926637



4288538106



4294953959

# Complementary

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



4292926637



4289573344

# Split Complementary

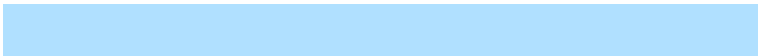
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4293710075



4292926637



4289782015

# Square

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



4292926637



4288473061



4291746047



4294953679

# Rectangle

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



4292926637



4290045381



4291746047



4294692078



# Sweetspot

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



4292926637



4294967021



4292914609



4286611317



4278190080



4286611584



# Same Dimension

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



4292926637



4294965946



4291551405



4285558629



4289765888



4281347328



# Inverse Universe

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



4289573344



4290429183



4290948576



4284835440



4278193840

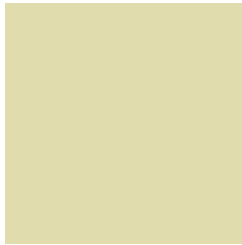


4278191152



# Previews

## White Background



This preview shows how the Android color 4292926637 looks on a white background.

## Color Contrast Check

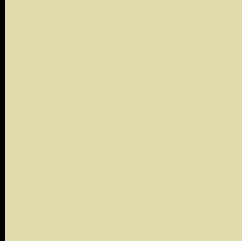
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4292926637 looks on a 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

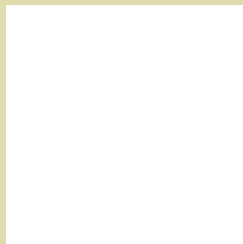
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4292926637 Background



This preview shows how black text looks on a background with the Android color 4292926637.



This preview shows how white text looks on a background with the Android color 4292926637.

# 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](#).

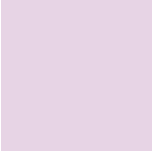
## Dichromacy



**Original Color**  
4292926637

**Protanopia**  
4293450412

**Deuteranopia**  
4294889903



**Tritanopia**  
4293383397

# Trichromacy



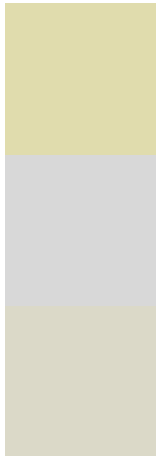
**Original Color**  
4292926637

**Protanomaly**  
4293254060

**Deuteranomaly**  
4294170030

**Tritanomaly**  
4293187537

# Monochromacy



**Original Color**  
4292926637

**Achromatopsia**  
4292401368

**Achromatomaly**  
4292598216

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292926637 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(224, 220, 173)` looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 173)  
}
```

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(224, 220, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 173) }
```

## Border

The CSS property to change the border of an element to Android 4292926637 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(224, 220, 173) }
```

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

```
.border{ border-color:rgb(224, 220, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 220, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 220, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 220, 173);  
box-shadow:4px 4px 4px 4px rgb(224, 220,  
173) }
```

# Background

The CSS property to change the background color of an element to Android 4292926637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 220, 173) }
```

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

```
.background{ background-color: rgb(224,  
220, 173) }
```

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