

# Converting Colors

Android(4292249637)

Have a look what the booklet for  
Android(4292249637) contains.

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# **Color**

**Android(4292249637)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D68825
RGB	214, 136, 37
RGB Percent	84%, 53%, 15%
CMY	0.1608, 0.4667, 0.8549
CMYK	0.00, 0.36, 0.83, 0.16
HSL	34°, 71%, 49%
HSV	34°, 83%, 84%
XYZ	36.8696, 32.0380, 5.9910
YIQ	148.0360, 78.2670, -14.2530

# Conversions

## Conversions Part 2

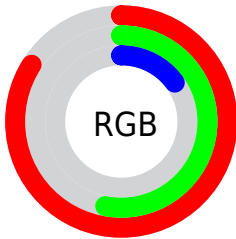
Format	Color
<a href="#">RYB</a>	<a href="#">176, 214, 37</a>
Decimal	<a href="#">14059557</a>
CIELab	<a href="#">63.37, 22.52, 60.78</a>
CIElCh	<a href="#">63, 64.822, 69.668</a>
Yxy	<a href="#">32.0380, 0.4923, 0.4278</a>
Android (android.graphics.Color)	<a href="#">4292249637</a> (0xFFD68825)
YUV	<a href="#">148.0360, -54.7407, 57.8504</a>
Hunter-Lab	<a href="#">56.6021, 17.2180, 33.3460</a>

# Details

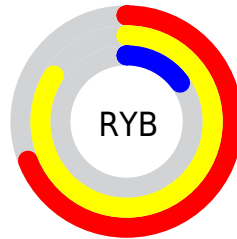
The Android color **4292249637** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **4280644566**, and the grayscale version is **4287993237**.

A 20% lighter version of the original color is **4294950235**, and **4288304640** is the 20% darker color. If you saturate the color by 10%, you get **4292247312**, and if you desaturate by 10%, it is **4292251962**.

# Distribution



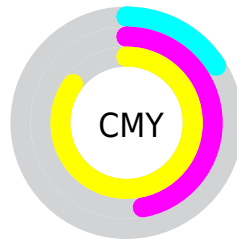
- Red (84%)
- Green (53%)
- Blue (15%)



- Red (69%)
- Yellow (84%)
- Blue (15%)



- Cyan (0%)
- Magenta (36%)
- Yellow (83%)
- Black (16%)



- Cyan (16%)
- Magenta (47%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292249637 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 4292249637 by changing the saturation by 10% instead.





4292249637



4292249637

4294967295



4290277120



4294950235



4288304640



4294957430



4286332416



4294964881



4284426240



4294967212



4282585600



4294967241



4280942592



4294967269



4278190080



4292249637



4292249637



4292247312



4292251962

■ 4292245504

■ 4292254544

■ 4292256869

■ 4292259451

■ 4292261776

■ 4292264357

■ 4292266683

■ 4292269008

■ 4292271590

# Harmonies

## Analogous

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



4294406226



4292249637



4289043730

# Triad

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



4292249637



4278236587



4290020083

# Complementary

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



4292249637



4280644566

# 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.



4282030847



4292249637



4278236130

# Square

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



4292249637



4278235759



4278233855



4293749187

# Rectangle

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



4292249637



4286424873



4278233855



4288121598



# Sweetspot

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



4292249637



4294960063



4292224373



4286607193



4278190080



4286611584



# Same Dimension

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



4292249637



4294938627



4291679781



4285228640



4289421312



4281014272



# Inverse Universe

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



4280644566



4278416127



4281214422



4284507499



4278209451



4278194987



# Previews

## White Background



This preview shows how the Android color 4292249637 looks on a white background.

## Color Contrast Check

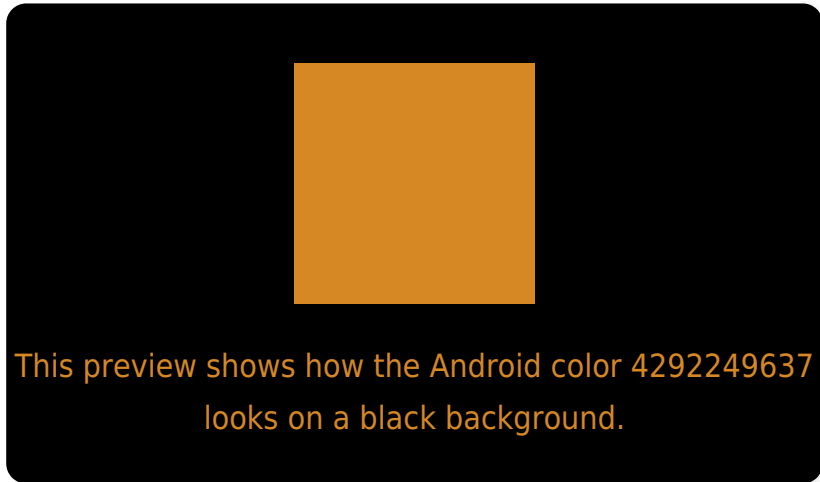
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4292249637 Background



This preview shows how black text looks on a background with the Android color 4292249637.



This preview shows how white text looks on a background with the Android color 4292249637.

# 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**  
4292249637

**Protanopia**  
4289567274

**Deuteranopia**  
4290941472



# Trichromacy



**Original Color**

4292249637

**Protanomaly**

4290548520

**Deuteranomaly**

4291399202

**Tritanomaly**

4292444772

# Monochromacy



**Original Color**

4292249637

**Achromatopsia**

4287927444

**Achromatomaly**

4289499244

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292249637 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(214, 136, 37)` looks like.

```
.text, #text, p{  
    color:rgb(214, 136, 37)  
}
```

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(214, 136, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 136, 37) }
```

## Border

The CSS property to change the border of an element to Android 4292249637 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(214, 136, 37) }
```

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

```
.border{ border-color:rgb(214, 136, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 136, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 136, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 136, 37);  
box-shadow:4px 4px 4px 4px rgb(214, 136,  
37) }
```

# Background

The CSS property to change the background color of an element to Android 4292249637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 136, 37) }
```

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

```
.background{ background-color: rgb(214,  
136, 37) }
```

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](#).



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