

# Converting Colors

Android(4292650070)

Have a look what the booklet for  
Android(4292650070) contains.

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# **Color**

**Android(4292650070)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCA456
RGB	220, 164, 86
RGB Percent	86%, 64%, 34%
CMY	0.1373, 0.3569, 0.6627
CMYK	0.00, 0.25, 0.61, 0.14
HSL	35°, 66%, 60%
HSV	35°, 61%, 86%
XYZ	44.4704, 42.4384, 14.6517
YIQ	171.8520, 58.4140, -12.3860

# Conversions

## Conversions Part 2

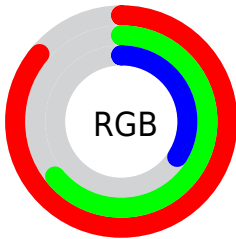
Format	Color
<a href="#">RYB</a>	<a href="#">182, 220, 86</a>
Decimal	<a href="#">14459990</a>
<a href="#">CIELab</a>	<a href="#">71.17, 12.42, 47.81</a>
<a href="#">CIELCh</a>	<a href="#">71, 49.396, 75.436</a>
<a href="#">Yxy</a>	<a href="#">42.4384, 0.4379, 0.4179</a>
Android ( <a href="#">android.graphics.Color</a> )	<a href="#">4292650070</a> ( <a href="#">0xFFDCA456</a> )
<a href="#">YUV</a>	<a href="#">171.8520, -42.3250, 42.2258</a>
<a href="#">Hunter-Lab</a>	<a href="#">65.1448, 7.8476, 32.2665</a>

# Details

The Android color **4292650070** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4283862748**, and the grayscale version is **4289506476**.

A 20% lighter version of the original color is **4294957962**, and **4288770084** is the 20% darker color. If you saturate the color by 10%, you get **4292647744**, and if you desaturate by 10%, it is **4292652396**.

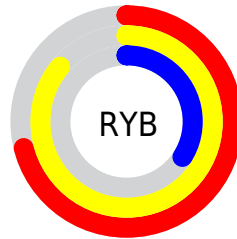
# Distribution



Red (86%)

Green (64%)

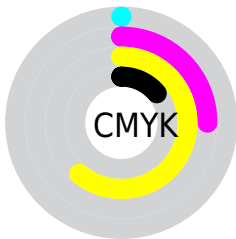
Blue (34%)



Red (71%)

Yellow (86%)

Blue (34%)

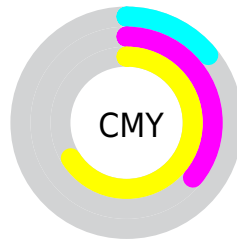


Cyan (0%)

Magenta (25%)

Yellow (61%)

Black (14%)



Cyan (14%)

Magenta (36%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292650070 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 4292650070 by changing the saturation by 10% instead.





4292650070



4292650070

4294967295



4290677309



4294957962



4288770084



4294965157



4286928902



4294967233



4285088000



4294967261



4283312896



4294967290



4281603584



4280025088



4278190080



4292650070



4292650070

 4292647744

 4292652396

 4292645418

 4292654722

 4292642836

 4292657304

 4292640768

 4292659630

 4292661956

 4292664282

 4292666608

 4292669183

 4292671487

# Harmonies

## Analogous

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



4294546544



4292650070



4289966932

# Triad

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



4292650070



4278240709



4291860974

# Complementary

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



4292650070



4283862748

# 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.



4287540223



4292650070



4278239981

# Square

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



4292650070



4281844886



4278630911



4294413510

# Rectangle

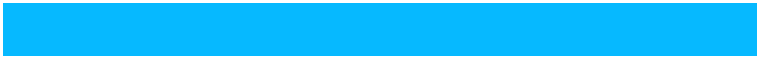
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292650070



4287806306



4278630911



4290617336

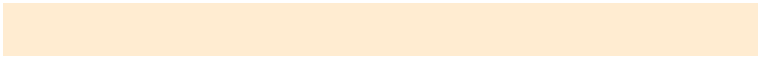


# Sweetspot

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



4292650070



4294962385



4292630160



4286608483



4278190080



4286611584



# Same Dimension

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



4292650070



4294947141



4292074582



4285426019



4289553664



4281211648



# Inverse Universe

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



4283862748



4282749951



4284438236



4284704622



4278208685



4278194990



# Previews

## White Background



This preview shows how the Android color 4292650070 looks on a white background.

## Color Contrast Check

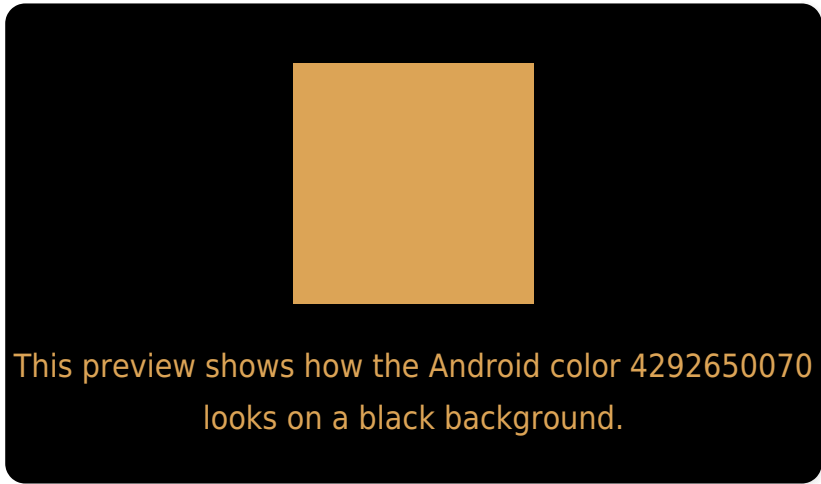
Large Text (above 18pt) WCAG AA × Fail

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 4292650070 Background



This preview shows how black text looks on a background with the Android color 4292650070.



This preview shows how white text looks on a background with the Android color 4292650070.

# 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**  
4292650070

**Protanopia**  
4290883418

**Deuteranopia**  
4292322901



**Tritanopia**  
4293041063

# Trichromacy



**Original Color**  
4292650070

**Protanomaly**  
4291537753

**Deuteranomaly**  
4292453717

**Tritanomaly**  
4292910730

# Monochromacy



**Original Color**  
4292650070

**Achromatopsia**  
4289506476

**Achromatomaly**  
4290619789

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292650070 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(220, 164, 86)` looks like.

```
.text, #text, p{  
    color:rgb(220, 164, 86)  
}
```

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(220, 164, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 164, 86) }
```

## Border

The CSS property to change the border of an element to Android 4292650070 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(220, 164, 86) }
```

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

```
.border{ border-color:rgb(220, 164, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 164, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 164, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 164, 86);  
box-shadow:4px 4px 4px 4px rgb(220, 164,  
86) }
```

# Background

The CSS property to change the background color of an element to Android 4292650070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 164, 86) }
```

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

```
.background{ background-color: rgb(220,  
164, 86) }
```

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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