

# Converting Colors

Android(4292270348)

Have a look what the booklet for  
Android(4292270348) contains.

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# **Color**

**Android(4292270348)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6D90C
RGB	214, 217, 12
RGB Percent	84%, 85%, 5%
CMY	0.1608, 0.1490, 0.9529
CMYK	0.01, 0.00, 0.94, 0.15
HSL	61°, 90%, 45%
HSV	61°, 94%, 85%
XYZ	52.6108, 63.9484, 9.9182
YIQ	192.7330, 64.0170, -64.3910

# Conversions

## Conversions Part 2

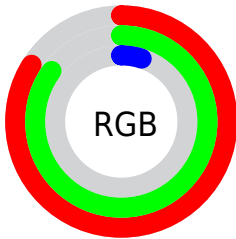
Format	Color
<a href="#">RYB</a>	<a href="#">12, 217, 15</a>
Decimal	<a href="#">14080268</a>
CIELab	<a href="#">83.94, -20.24, 82.32</a>
CIELCh	<a href="#">84, 84.771, 103.812</a>
Yxy	<a href="#">63.9484, 0.4160, 0.5056</a>
Android (android.graphics.Color)	<a href="#">4292270348</a> ( <a href="#">0xFFD6D90C</a> )
YUV	<a href="#">192.7330, -89.1014, 18.6512</a>
Hunter-Lab	<a href="#">79.9677, -22.5084, 48.6238</a>

# Details

The Android color **4292270348** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **4279176409**, and the grayscale version is **4290953922**.

A 20% lighter version of the original color is **4294967131**, and **4288389632** is the 20% darker color. If you saturate the color by 10%, you get **4292270336**, and if you desaturate by 10%, it is **4292270370**.

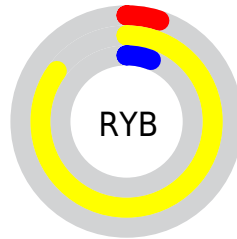
# Distribution



Red (84%)

Green (85%)

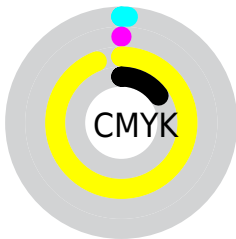
Blue (5%)



Red (5%)

Yellow (85%)

Blue (6%)

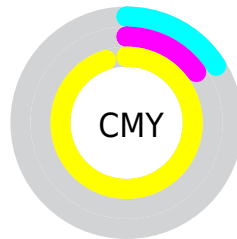


Cyan (1%)

Magenta (0%)

Yellow (94%)

Black (15%)



Cyan (16%)

Magenta (15%)


















Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292270348 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 4292270348 by changing the saturation by 10% instead.



 4292270348	 4292270348
4294967295	 4290297088
 4294967131	 4288389632
 4294967160	 4286482432
 4294967190	 4284575488
 4294967219	 4282734336
 4294967248	 4280958976
 4294967278	 4279249408
	 4278195712
	 4278190080

■ 4292270348

■ 4292270348

■ 4292270336

■ 4292270370

■ 4292335927

■ 4292335949

■ 4292335971

■ 4292401529

■ 4292401550

■ 4292401572

■ 4292467130

■ 4292467151

# Harmonies

## Analogous

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



4294950436



4292270348



4286245716

# Triad

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



4292270348



4278252543



4294937343

# Complementary

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



4292270348



4279176409

# 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.



4294945791



4292270348



4278249215

# Square

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



4292270348



4278253557



4285452031



4294935216

# Rectangle

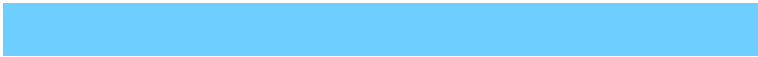
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292270348



4278252167



4285452031



4294939647



# Sweetspot

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



4292270348



4294901688



4292414476



4286546004



4278190080



4286611584



# Same Dimension

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



4292270348



4294704896



4285716748



4285361763



4289441024



4281150976



# Inverse Universe

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



4279176409



4278452479



4285664473



4284703598



4278386861

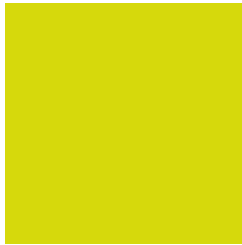


4278255662



# Previews

## White Background



This preview shows how the Android color 4292270348 looks on a white background.

## Color Contrast Check

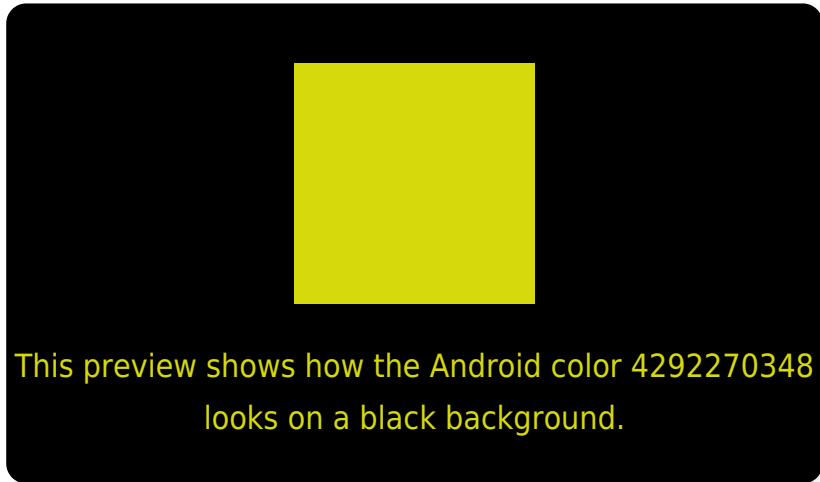
Large Text (above 18pt) WCAG AA × Fail

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 4292270348 Background



This preview shows how black text looks on a background with the Android color 4292270348.



This preview shows how white text looks on a background with the Android color 4292270348.

# 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**  
4292270348

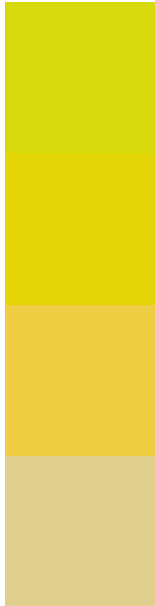
**Protanopia**  
4293710339

**Deuteranopia**  
4294953060



**Tritanopia**  
4293249754

# Trichromacy



**Original Color**  
4292270348

**Protanomaly**  
4293186822

**Deuteranomaly**  
4293971524

**Tritanomaly**  
4292923279

# Monochromacy



**Original Color**  
4292270348

**Achromatopsia**  
4290888129

**Achromatomaly**  
4291414655

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292270348 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, 217, 12)` looks like.

```
.text, #text, p{  
    color:rgb(214, 217, 12)  
}
```

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, 217, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 217, 12) }
```

## Border

The CSS property to change the border of an element to Android 4292270348 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, 217, 12) }
```

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

```
.border{ border-color:rgb(214, 217, 12) }
```

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

Here you see how a box with a 4 pixel rgb(214, 217, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 217, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 217, 12);  
box-shadow:4px 4px 4px 4px rgb(214, 217,  
12) }
```

# Background

The CSS property to change the background color of an element to Android 4292270348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 217, 12) }
```

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

```
.background{ background-color: rgb(214,  
217, 12) }
```

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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