

# Converting Colors

Android(4292008448)

Have a look what the booklet for  
Android(4292008448) contains.

<b>Android(4292008448)</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(4292008448)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2DA00
RGB	210, 218, 0
RGB Percent	82%, 85%, 0%
CMY	0.1765, 0.1451, 1.0000
CMYK	0.04, 0.00, 1.00, 0.15
HSL	62°, 100%, 43%
HSV	62°, 100%, 85%
XYZ	51.6497, 63.8444, 9.6010
YIQ	190.7560, 65.2100, -69.4940

# Conversions

## Conversions Part 2

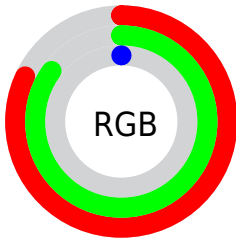
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 218, 8
Decimal	13818368
CIELab	83.88, -22.52, 83.20
CIELCh	84, 86.190, 105.146
Yxy	63.8444, 0.4129, 0.5104
Android (android.graphics.Color)	4292008448 (0xFFD2DA00)
YUV	190.7560, -94.0427, 16.8770
Hunter-Lab	79.9027, -24.4460, 48.8077

# Details

The Android color **4292008448** 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 **4278714586**, and the grayscale version is **4290822336**.

A 20% lighter version of the original color is **4294967128**, and **4288127744** is the 20% darker color. If you saturate the color by 10%, you get **4292008448**, and if you desaturate by 10%, it is **4292074006**.

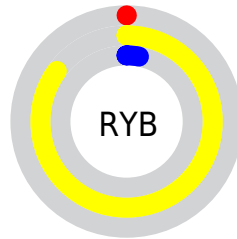
# Distribution



Red (82%)

Green (85%)

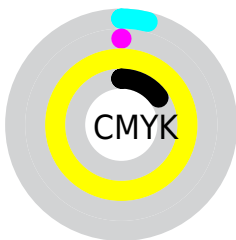
Blue (0%)



Red (0%)

Yellow (85%)

Blue (3%)

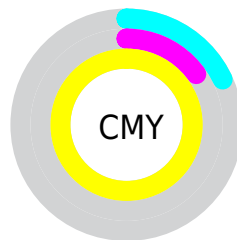


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (18%)

Magenta (15%)


















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292008448 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 4292008448 by changing the saturation by 10% instead.



 4292008448	 4292008448
4294967295	 4290035200
 4294967128	 4288127744
 4294967158	 4286220544
 4294967187	 4284379136
 4294967216	 4282472448
 4294967246	 4280696832
 4294967276	 4278921728
	 4278195712
	 4278190080

 4292008448

 4292074006

 4292139564

 4292139585

 4292205143

 4292270701

 4292336259

 4292401817

 4292401838

 4292467396

# Harmonies

## Analogous

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



4294950682



4292008448



4285721429

# Triad

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



4292008448



4278252543



4294936317

# Complementary

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



4292008448



4278714586

# 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.



4294945023



4292008448



4278249215

# Square

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



4292008448



4278253561



4285910271



4294934699

# Rectangle

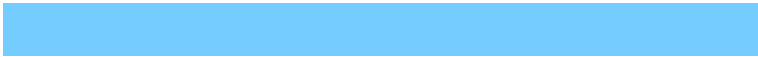
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292008448



4278252169



4285910271



4294938879



# Sweetspot

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



4292008448



4294770611



4292478720



4286480466



4278190080



4286611584



# Same Dimension

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



4292008448



4294377216



4284930560



4285361763



4289178880



4281085440



# Inverse Universe

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



4278714586



4278780159



4285792474



4284703598



4278583469

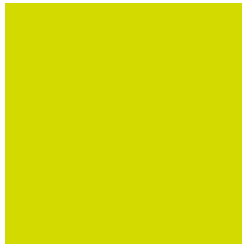


4278321198



# Previews

## White Background



This preview shows how the Android color 4292008448 looks on a white background.

## Color Contrast Check

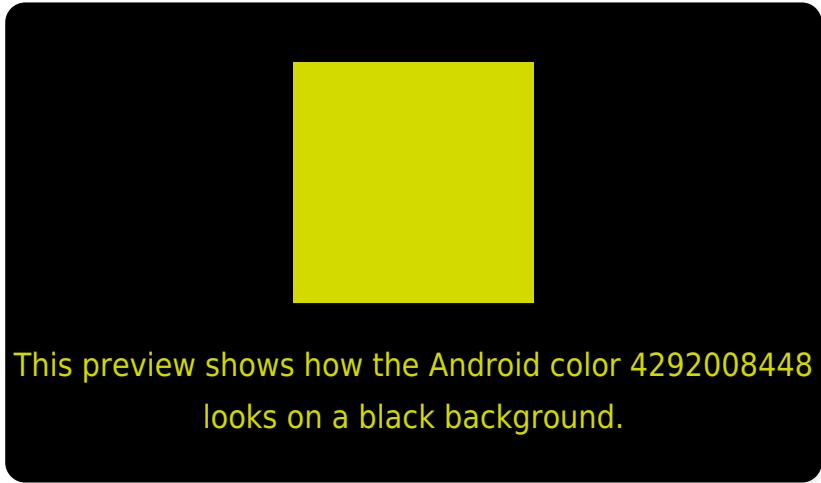
Large Text (above 18pt) WCAG AA × Fail

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 4292008448 Background



This preview shows how black text looks on a background with the Android color 4292008448.



This preview shows how white text looks on a background with the Android color 4292008448.

# 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**  
4292008448

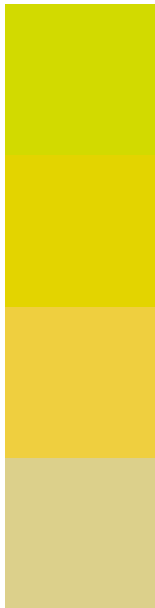
**Protanopia**  
4293710080

**Deuteranopia**  
4294953059



**Tritanopia**  
4292987867

# Trichromacy



**Original Color**  
4292008448

**Protanomaly**  
4293121024

**Deuteranomaly**  
4293906239

**Tritanomaly**  
4292661387

# Monochromacy



**Original Color**  
4292008448

**Achromatopsia**  
4290756543

**Achromatomaly**  
4291217786

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292008448 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(210, 218, 0)` looks like.

```
.text, #text, p{  
    color:rgb(210, 218, 0)  
}
```

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(210, 218, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 218, 0) }
```

## Border

The CSS property to change the border of an element to Android 4292008448 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(210, 218, 0) }
```

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

```
.border{ border-color:rgb(210, 218, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 218, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 218, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 218, 0);  
box-shadow:4px 4px 4px 4px rgb(210, 218,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4292008448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 218, 0) }
```

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

```
.background{ background-color: rgb(210,  
218, 0) }
```

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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