

# Converting Colors

Android(4292008704)

Have a look what the booklet for  
Android(4292008704) contains.

<b>Android(4292008704)</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(4292008704)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2DB00
RGB	210, 219, 0
RGB Percent	82%, 86%, 0%
CMY	0.1765, 0.1412, 1.0000
CMYK	0.04, 0.00, 1.00, 0.14
HSL	62°, 100%, 43%
HSV	62°, 100%, 86%
XYZ	51.9099, 64.3647, 9.6877
YIQ	191.3430, 64.9350, -70.0170

# Conversions

## Conversions Part 2

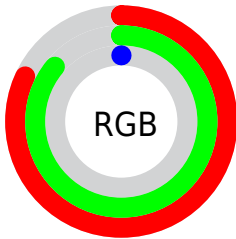
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 219, 9
Decimal	13818624
CIE <sub>Lab</sub>	84.16, -23.00, 83.40
CIE <sub>LCh</sub>	84, 86.509, 105.419
Yxy	64.3647, 0.4121, 0.5110
Android (android.graphics.Color)	4292008704 (0xFFD2DB00)
YUV	191.3430, -94.3321, 16.3622
Hunter-Lab	80.2276, -24.9030, 48.9999

# Details

The Android color **4292008704** 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 **4278780123**, and the grayscale version is **4290822336**.

A 20% lighter version of the original color is **4294967128**, and **4288128000** is the 20% darker color. If you saturate the color by 10%, you get **4292008704**, and if you desaturate by 10%, it is **4292074262**.

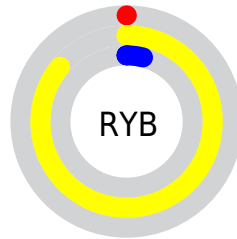
# Distribution



Red (82%)

Green (86%)

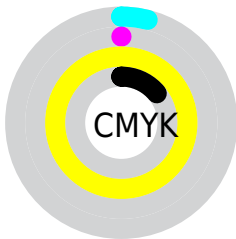
Blue (0%)



Red (0%)

Yellow (86%)

Blue (4%)

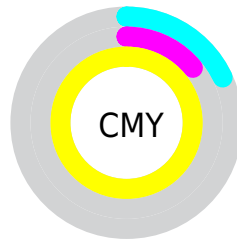


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (14%)



Cyan (18%)

Magenta (14%)


















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292008704 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 4292008704 by changing the saturation by 10% instead.



 4292008704	 4292008704
4294967295	 4290035456
 4294967128	 4288128000
 4294967158	 4286220800
 4294967187	 4284379392
 4294967217	 4282472448
 4294967246	 4280697088
 4294967276	 4278856448
	 4278195968
	 4278190080

 4292008704

 4292074262

 4292139820

 4292205378

 4292270936

 4292336494

 4292336515

 4292402073

 4292467631

 4292533189

# Harmonies

## Analogous

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



4294950937



4292008704



4285656150

# Triad

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



4292008704



4278252799



4294936317

# Complementary

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



4292008704



4278780123

# 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.



4294945279



4292008704



4278249215

# Square

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



4292008704



4278253819



4286107135



4294934955

# Rectangle

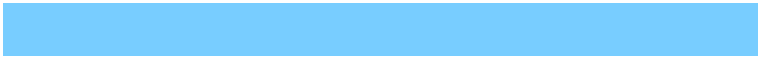
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292008704



4278252426



4286107135



4294938879



# Sweetspot

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



4292008704



4294770611



4292544256



4286480466



4278190080



4286611584



# Same Dimension

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



4292008704



4294311680



4284930816



4285361763



4289113344



4281085440



# Inverse Universe

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



4278780123



4278845695



4285858011



4284703598



4278649005

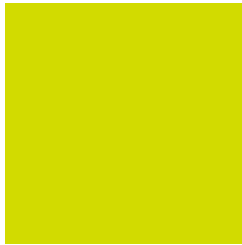


4278321198



# Previews

## White Background



This preview shows how the Android color 4292008704 looks on a white background.

## Color Contrast Check

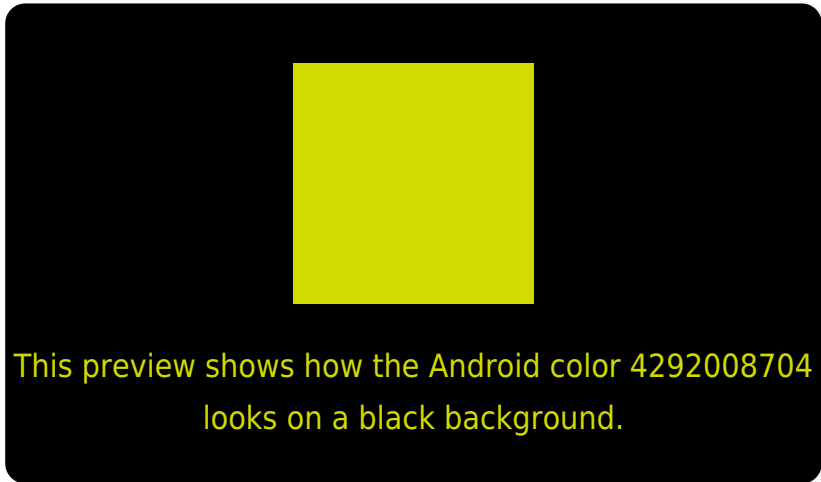
Large Text (above 18pt) WCAG AA × Fail

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 4292008704 Background



This preview shows how black text looks on a background with the Android color 4292008704.

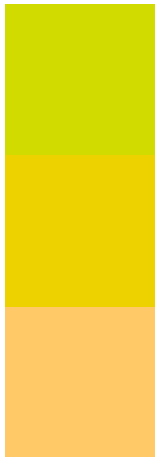


This preview shows how white text looks on a background with the Android color 4292008704.

# 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**  
4292008704

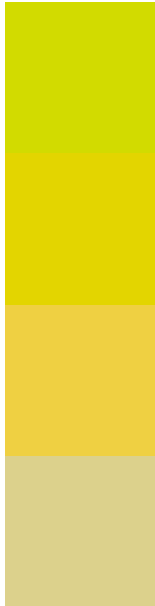
**Protanopia**  
4293775872

**Deuteranopia**  
4294953319



**Tritanopia**  
4292988124

# Trichromacy



**Original Color**  
4292008704

**Protanomaly**  
4293121280

**Deuteranomaly**  
4293906498

**Tritanomaly**  
4292661644

# Monochromacy



**Original Color**  
4292008704

**Achromatopsia**  
4290756543

**Achromatomaly**  
4291217786

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292008704 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, 219, 0)` looks like.

```
.text, #text, p{  
    color:rgb(210, 219, 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, 219, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 219, 0) }
```

## Border

The CSS property to change the border of an element to Android 4292008704 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, 219, 0) }
```

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

```
.border{ border-color:rgb(210, 219, 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, 219, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 219, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 219, 0);  
box-shadow:4px 4px 4px 4px rgb(210, 219,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4292008704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 219, 0) }
```

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

```
.background{ background-color: rgb(210,  
219, 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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