

# Converting Colors

Android(4292854272)

Have a look what the booklet for  
Android(4292854272) contains.

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# **Color**

**Android(4292854272)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFC200
RGB	223, 194, 0
RGB Percent	87%, 76%, 0%
CMY	0.1255, 0.2392, 1.0000
CMYK	0.00, 0.13, 1.00, 0.13
HSL	52°, 100%, 44%
HSV	52°, 100%, 87%
XYZ	49.7232, 54.2715, 7.8548
YIQ	180.5550, 79.5580, -54.1860

# Conversions

## Conversions Part 2

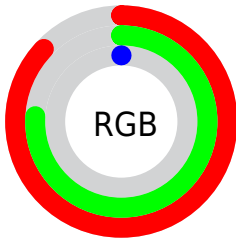
Format	Color
R <sub>Y</sub> B	33, 223, 0
Decimal	14664192
CIE Lab	78.62, -4.96, 79.88
CIE LCh	79, 80.035, 93.555
Yxy	54.2715, 0.4446, 0.4852
Android (android.graphics.Color)	4292854272 (0xFFDFC200)
YUV	180.5550, -89.0136, 37.2243
Hunter-Lab	73.6692, -8.4422, 45.2468

# Details

The Android color `4292854272` is a dark color, and the websafe version is hex `FFCC00`. The color can be described as middle washed yellow. A complement of this color would be `4278197727`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4294965843`, and `4288908544` is the 20% darker color. If you saturate the color by 10%, you get `4292854272`, and if you desaturate by 10%, it is `4292855062`.

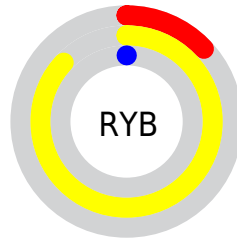
# Distribution



Red (87%)

Green (76%)

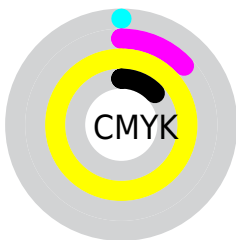
Blue (0%)



Red (13%)

Yellow (87%)

Blue (0%)

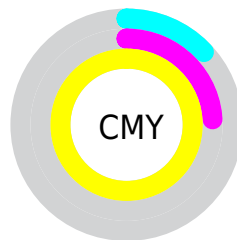


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (24%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292854272 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 4292854272 by changing the saturation by 10% instead.





4292854272



4292854272

4294967295



4290881280



4294965843



4288908544



4294967153



4287001600



4294967182



4285094656



4294967211



4283253760



4294967240



4281544192



4294967269



4279966208



4278190080



4292854272

 4292855062

 4292855853

 4292856643

 4292857433

 4292858224

 4292858758

 4292859548

 4292860338

 4292861129

# Harmonies

## Analogous

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



4294944310



4292854272



4287813175

# Triad

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



4292854272



4278248703



4294937087

# Complementary

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



4292854272



4278197727

# 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.



4291734527



4292854272



4278246399

# Square

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



4292854272



4278248906



4278241791



4294932413

# Rectangle

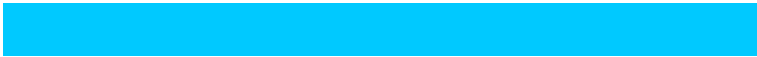
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292854272



4282768996



4278241791



4294939903



# Sweetspot

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



4292854272



4294964659



4292804638



4286610002



4278190080



4286611584



# Same Dimension

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



4292854272



4294958592



4287487744



4285558629



4289763584



4281346560



# Inverse Universe

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



4278197727



4278198783



4283564255



4284835440



4278196144



4278191664



# Previews

## White Background



This preview shows how the Android color 4292854272 looks on a white background.

## Color Contrast Check

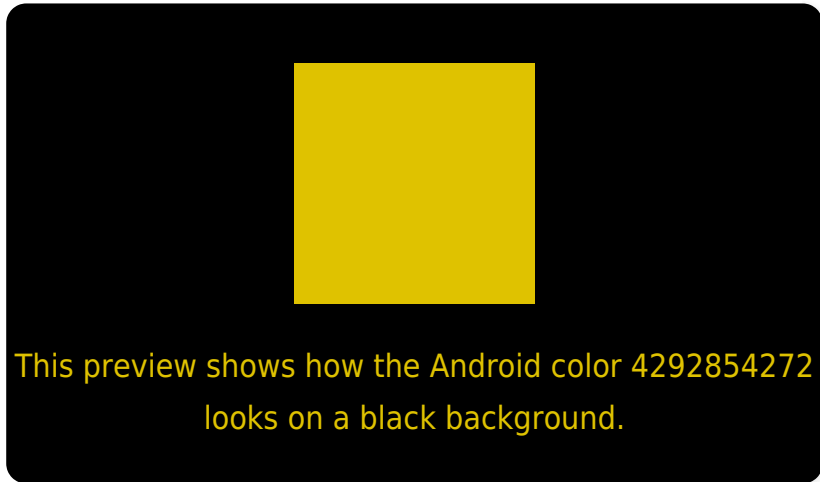
Large Text (above 18pt) WCAG AA × Fail

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 4292854272 Background



This preview shows how black text looks on a background with the Android color 4292854272.



This preview shows how white text looks on a background with the Android color 4292854272.

# 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**  
4292854272

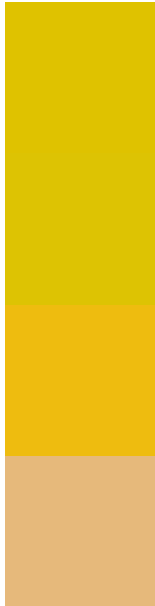
**Protanopia**  
4292657925

**Deuteranopia**  
4294359319



**Tritanopia**  
4293571778

# Trichromacy



**Original Color**  
4292854272

**Protanomaly**  
4292723459

**Deuteranomaly**  
4293835791

**Tritanomaly**  
4293310843

# Monochromacy



**Original Color**  
4292854272

**Achromatopsia**  
4290098613

**Achromatomaly**  
4291082867

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292854272 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(223, 194, 0)` looks like.

```
.text, #text, p{  
    color:rgb(223, 194, 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(223, 194, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 194, 0) }
```

## Border

The CSS property to change the border of an element to Android 4292854272 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(223, 194, 0) }
```

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

```
.border{ border-color:rgb(223, 194, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 194, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 194, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 194, 0);  
box-shadow:4px 4px 4px 4px rgb(223, 194,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4292854272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 194, 0) }
```

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

```
.background{ background-color: rgb(223,  
194, 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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