

# Converting Colors

Android(4292851223)

Have a look what the booklet for  
Android(4292851223) contains.

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# **Color**

**Android(4292851223)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFB617
RGB	223, 182, 23
RGB Percent	87%, 71%, 9%
CMY	0.1255, 0.2863, 0.9098
CMYK	0.00, 0.18, 0.90, 0.13
HSL	48°, 81%, 48%
HSV	48°, 90%, 87%
XYZ	47.3140, 49.2057, 7.8146
YIQ	176.1330, 75.4750, -40.7570

# Conversions

## Conversions Part 2

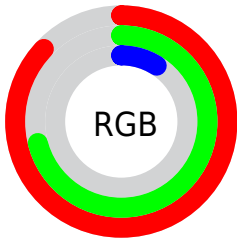
Format	Color
<a href="#">RYB</a>	<a href="#">75, 223, 23</a>
Decimal	<a href="#">14661143</a>
CIELab	<a href="#">75.58, 1.53, 74.78</a>
CIELCh	<a href="#">76, 74.796, 88.829</a>
Yxy	<a href="#">49.2057, 0.4535, 0.4716</a>
Android (android.graphics.Color)	<a href="#">4292851223 (0xFFDFB617)</a>
YUV	<a href="#">176.1330, -75.4946, 41.1024</a>
Hunter-Lab	<a href="#">70.1468, -2.3586, 42.4977</a>

# Details

The Android color **4292851223** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **4279714015**, and the grayscale version is **4289835441**.

A 20% lighter version of the original color is **4294962777**, and **4288905728** is the 20% darker color. If you saturate the color by 10%, you get **4292849921**, and if you desaturate by 10%, it is **4292852525**.

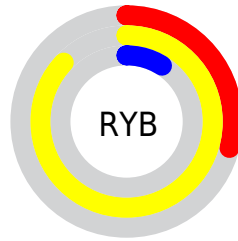
# Distribution



Red (87%)

Green (71%)

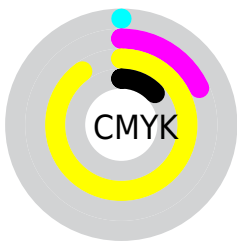
Blue (9%)



Red (29%)

Yellow (87%)

Blue (9%)

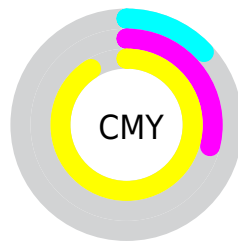


Cyan (0%)

Magenta (18%)

Yellow (90%)

Black (13%)



Cyan (13%)

Magenta (29%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292851223 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 4292851223 by changing the saturation by 10% instead.





4292851223



4292851223

4294967295



4290878208



4294962777



4288905728



4294967157



4286998784



4294967186



4285092096



4294967214



4283251200



4294967243



4281541888



4294967272



4279963904



4278190080



4292851223



4292851223

■ 4292849921

■ 4292852525

■ 4292849920

■ 4292853572

■ 4292854874

■ 4292855920

■ 4292857222

■ 4292858269

■ 4292859571

■ 4292860873

■ 4292861920

# Harmonies

## Analogous

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



4294941505



4292851223



4288399923

# Triad

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



4292851223



4278246139



4294937343

# Complementary

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



4292851223



4279714015

# 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.



4290030079



4292851223



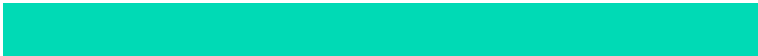
4278244351

# Square

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



4292851223



4278246069



4278240255



4294932416

# Rectangle

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



4292851223



4284404313



4278240255



4294219007



# Sweetspot

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



4292851223



4294963642



4292810562



4286609239



4278190080



4286611584



# Same Dimension

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



4292851223



4294953728



4289126167



4285558373



4289760256



4281345792



# Inverse Universe

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



4279714015



4278203647



4283439071



4284835696



4278199472



4278192688



# Previews

## White Background



This preview shows how the Android color 4292851223 looks on a white background.

## Color Contrast Check

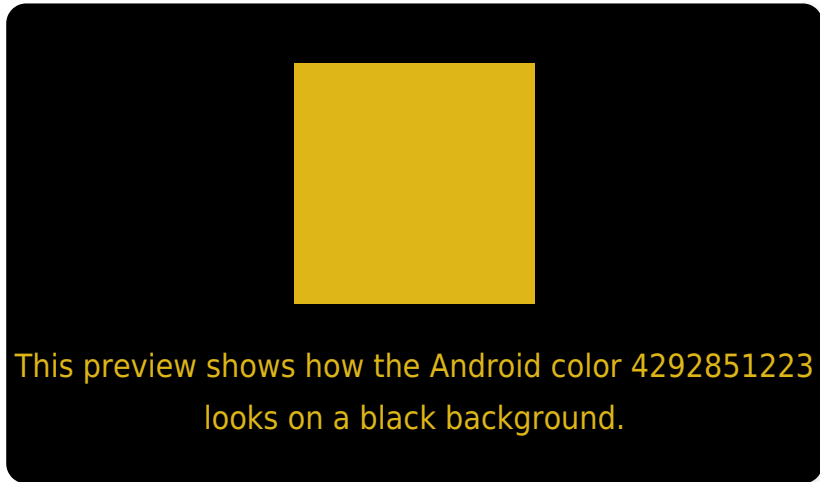
Large Text (above 18pt) WCAG AA × Fail

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 4292851223 Background



This preview shows how black text looks on a background with the Android color 4292851223.



This preview shows how white text looks on a background with the Android color 4292851223.

# 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**  
4292851223

**Protanopia**  
4292000537

**Deuteranopia**  
4293636380



**Tritanopia**  
4293503414

# Trichromacy



**Original Color**  
4292851223

**Protanomaly**  
4292327704

**Deuteranomaly**  
4293374746

**Tritanomaly**  
4293242492

# Monochromacy



**Original Color**  
4292851223

**Achromatopsia**  
4289769648

**Achromatomaly**  
4290884216

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292851223 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, 182, 23)` looks like.

```
.text, #text, p{  
    color:rgb(223, 182, 23)  
}
```

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, 182, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 182, 23) }
```

## Border

The CSS property to change the border of an element to Android 4292851223 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, 182, 23) }
```

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

```
.border{ border-color:rgb(223, 182, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 182, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 182, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 182, 23);  
box-shadow:4px 4px 4px 4px rgb(223, 182,  
23) }
```

# Background

The CSS property to change the background color of an element to Android 4292851223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 182, 23) }
```

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

```
.background{ background-color: rgb(223,  
182, 23) }
```

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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