

Converting Colors

Android(4292851712)

Have a look what the booklet for
Android(4292851712) contains.

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Color

Android(4292851712)

Conversions

Conversions Part 1

Format	Color
Hex	DFB800
RGB	223, 184, 0
RGB Percent	87%, 72%, 0%
CMY	0.1255, 0.2784, 1.0000
CMYK	0.00, 0.17, 1.00, 0.13
HSL	50°, 100%, 44%
HSV	50°, 100%, 87%
XYZ	47.5719, 49.9690, 7.1377
YIQ	174.6850, 82.3080, -48.9560

Conversions

Conversions Part 2

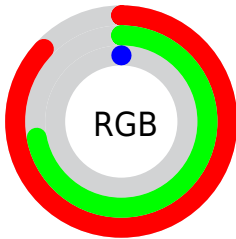
Format	Color
RYB	47, 223, 0
Decimal	14661632
CIELab	76.05, 0.22, 78.07
CIELCh	76, 78.065, 89.841
Yxy	49.9690, 0.4545, 0.4774
Android (android.graphics.Color)	4292851712 (0xFFDFB800)
YUV	174.6850, -86.1197, 42.3723
Hunter-Lab	70.6887, -3.5788, 43.4954

Details

The Android color **4292851712** 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 **4278200287**, and the grayscale version is **4289703855**.

A 20% lighter version of the original color is **4294963282**, and **4288906240** is the 20% darker color. If you saturate the color by 10%, you get **4292851712**, and if you desaturate by 10%, it is **4292852758**.

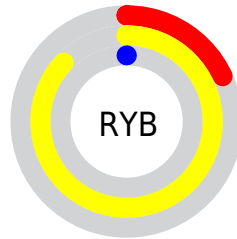
Distribution



Red (87%)

Green (72%)

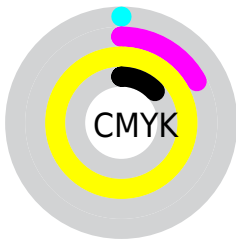
Blue (0%)



Red (18%)

Yellow (87%)

Blue (0%)

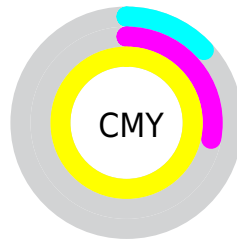


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (28%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292851712 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 4292851712 by changing the saturation by 10% instead.



4292851712



4292851712

4294967295



4290878720



4294963282



4288906240



4294967151



4286999296



4294967179



4285092608



4294967208



4283251712



4294967237



4281542400



4294967266



4279898880



4278190080



4292851712

 4292852758

 4292853805

 4292854851

 4292855897

 4292856688

 4292857734

 4292858780

 4292859826

 4292860873

Harmonies

Analogous

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



4294941754



4292851712



4288138285

Triad

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



4292851712



4278246655



4294936575

Complementary

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



4292851712



4278200287

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.



4290291967



4292851712



4278244863

Square

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



4292851712



4278246841



4278240511



4294931391

Rectangle

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



4292851712



4283749720



4278240511



4294611711

Sweetspot

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



4292851712



4294963891



4292804649



4286609234



4278190080



4286611584

Same Dimension

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



4292851712



4294955520



4288208640



4285558373



4289761536



4281346048

Inverse Universe

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



4278200287



4278201855



4282843359



4284835696



4278198192



4278192176

Previews

White Background



This preview shows how the Android color 4292851712 looks on a white background.

Color Contrast Check

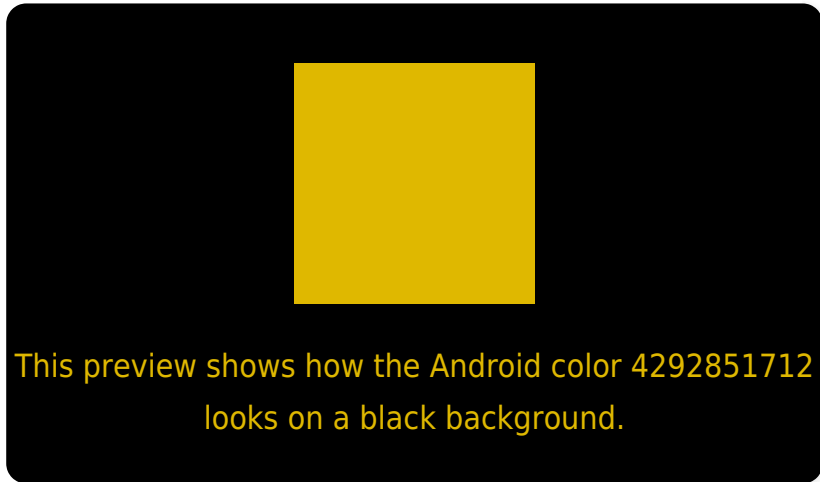
Large Text (above 18pt) WCAG AA × Fail

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 4292851712 Background



This preview shows how black text looks on a background with the Android color 4292851712.



This preview shows how white text looks on a background with the Android color 4292851712.

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
4292851712

Protanopia
4292131849

Deuteranopia
4293767698



Tritanopia
4293503928

Trichromacy



Original Color
4292851712

Protanomaly
4292393734

Deuteranomaly
4293440523

Tritanomaly
4293242997

Monochromacy



Original Color
4292851712

Achromatopsia
4289703855

Achromatomaly
4290818671

CSS Examples

Text

The CSS property to change the color of the text to Android 4292851712 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, 184, 0)` looks like.

```
.text, #text, p{  
    color:rgb(223, 184, 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, 184, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 184, 0) }
```

Border

The CSS property to change the border of an element to Android 4292851712 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, 184, 0) }
```

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

```
.border{ border-color:rgb(223, 184, 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, 184, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 184, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 184, 0);  
box-shadow:4px 4px 4px 4px rgb(223, 184,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4292851712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 184, 0) }
```

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

```
.background{ background-color: rgb(223,  
184, 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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