

Converting Colors

Android(4292783649)

Have a look what the booklet for
Android(4292783649) contains.

Android(4292783649)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4292783649)

Conversions

Conversions Part 1

Format	Color
Hex	DEAE21
RGB	222, 174, 33
RGB Percent	87%, 68%, 13%
CMY	0.1294, 0.3176, 0.8706
CMYK	0.00, 0.22, 0.85, 0.13
HSL	45°, 74%, 50%
HSV	45°, 85%, 87%
XYZ	45.5348, 45.9115, 7.9007
YIQ	172.2780, 73.8690, -33.6750

Conversions

Conversions Part 2

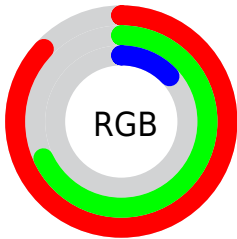
Format	Color
RYB	97, 222, 33
Decimal	14593569
CIELab	73.49, 5.51, 70.87
CIELCh	73, 71.085, 85.554
Yxy	45.9115, 0.4583, 0.4621
Android (android.graphics.Color)	4292783649 (0xFFDEAE21)
YUV	172.2780, -68.6641, 43.6062
Hunter-Lab	67.7580, 1.3791, 40.5173

Details

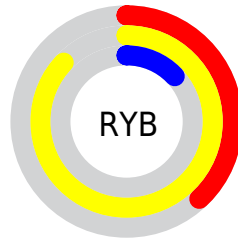
The Android color **4292783649** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **4280373726**, and the grayscale version is **4289572269**.

A 20% lighter version of the original color is **4294960477**, and **4288838144** is the 20% darker color. If you saturate the color by 10%, you get **4292782091**, and if you desaturate by 10%, it is **4292785207**.

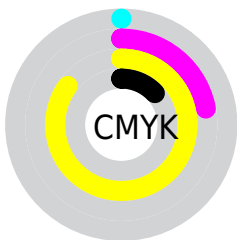
Distribution



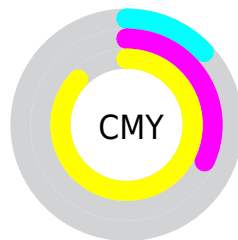
- Red (87%)
- Green (68%)
- Blue (13%)



- Red (38%)
- Yellow (87%)
- Blue (13%)



- Cyan (0%)
- Magenta (22%)
- Yellow (85%)
- Black (13%)



- Cyan (13%)
- Magenta (32%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292783649 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 4292783649 by changing the saturation by 10% instead.



4292783649



4292783649

4294967295



4290810880



4294960477



4288838144



4294967161



4286931200



4294967189



4285024768



4294967217



4283184128



4294967246



4281474816



4294967275



4279896064



4278190080



4292783649



4292783649

■ 4292782091

■ 4292785207

■ 4292781568

■ 4292786509

■ 4292788068

■ 4292789626

■ 4292790928

■ 4292792486

■ 4292793788

■ 4292795347

■ 4292796905

Harmonies

Analogous

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



4294939720



4292783649



4288659761

Triad

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



4292783649



4278244331



4294609919

Complementary

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



4292783649



4280373726

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.



4288915455



4292783649



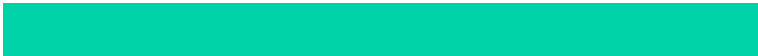
4278242815

Square

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



4292783649



4278244264



4278239231



4294932417

Rectangle

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



4292783649



4285188691



4278239231



4293104895

Sweetspot

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



4292783649



4294962877



4292747603



4286608728



4278190080



4286611584

Same Dimension

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



4292783649



4294950400



4289912353



4285558117



4289757952



4281345024

Inverse Universe

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



4280373726



4278206975



4283245022



4284835952



4278201776



4278193200

Previews

White Background



This preview shows how the Android color 4292783649 looks on a white background.

Color Contrast Check

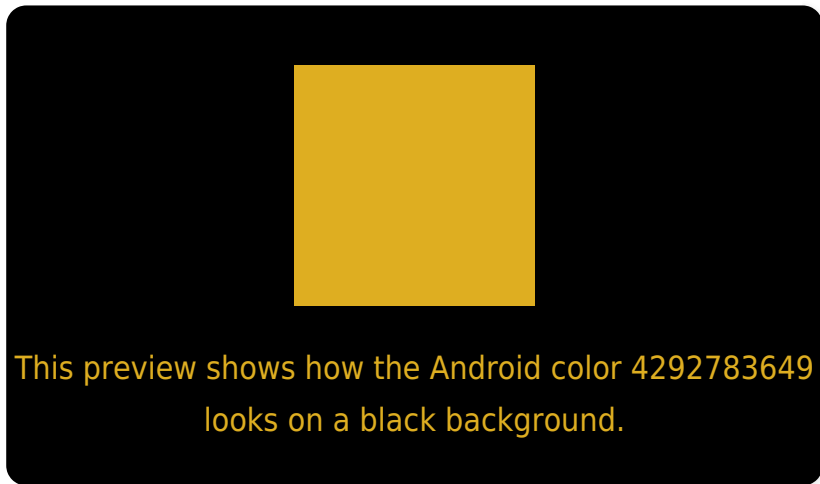
Large Text (above 18pt) WCAG AA × Fail

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 4292783649 Background



This preview shows how black text looks on a background with the Android color 4292783649.



This preview shows how white text looks on a background with the Android color 4292783649.

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
4292783649

Protanopia
4291540259

Deuteranopia
4293176099



Tritanopia
4293370542

Trichromacy



Original Color
4292783649

Protanomaly
4291998242

Deuteranomaly
4293045282

Tritanomaly
4293174907

Monochromacy



Original Color
4292783649

Achromatopsia
4289506476

Achromatomaly
4290686329

CSS Examples

Text

The CSS property to change the color of the text to Android 4292783649 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(222, 174, 33)` looks like.

```
.text, #text, p{  
    color:rgb(222, 174, 33)  
}
```

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(222, 174, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 174, 33) }
```

Border

The CSS property to change the border of an element to Android 4292783649 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(222, 174, 33) }
```

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

```
.border{ border-color:rgb(222, 174, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 174, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 174, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 174, 33);  
box-shadow:4px 4px 4px 4px rgb(222, 174,  
33) }
```

Background

The CSS property to change the background color of an element to Android 4292783649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 174, 33) }
```

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

```
.background{ background-color: rgb(222,  
174, 33) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor