

Converting Colors

Android(4292790049)

Have a look what the booklet for
Android(4292790049) contains.

Android(4292790049)	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(4292790049)

Conversions

Conversions Part 1

Format	Color
Hex	DEC721
RGB	222, 199, 33
RGB Percent	87%, 78%, 13%
CMY	0.1294, 0.2196, 0.8706
CMYK	0.00, 0.10, 0.85, 0.13
HSL	53°, 74%, 50%
HSV	53°, 85%, 87%
XYZ	50.8221, 56.4862, 9.6632
YIQ	186.9530, 66.9940, -46.7500

Conversions

Conversions Part 2

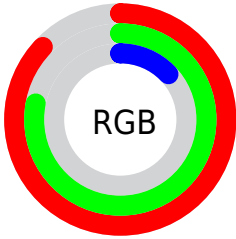
Format	Color
RYB	59, 222, 33
Decimal	14599969
CIELab	79.89, -7.49, 76.12
CIELCh	80, 76.484, 95.620
Yxy	56.4862, 0.4345, 0.4829
Android (android.graphics.Color)	4292790049 (0xFFDEC721)
YUV	186.9530, -75.8988, 30.7362
Hunter-Lab	75.1573, -10.8219, 44.9871

Details

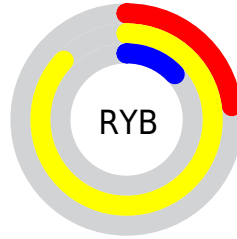
The Android color **4292790049** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **4280367326**, and the grayscale version is **4290559164**.

A 20% lighter version of the original color is **4294967137**, and **4288844288** is the 20% darker color. If you saturate the color by 10%, you get **4292789259**, and if you desaturate by 10%, it is **4292790839**.

Distribution



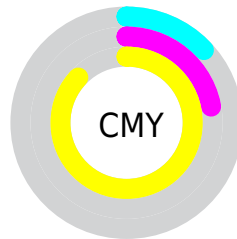
- Red (87%)
- Green (78%)
- Blue (13%)



- Red (23%)
- Yellow (87%)
- Blue (13%)



- Cyan (0%)
- Magenta (10%)
- Yellow (85%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292790049 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 4292790049 by changing the saturation by 10% instead.



4292790049



4292790049

4294967295



4290817024



4294967137



4288844288



4294967166



4286937088



4294967194



4285095936



4294967223



4283254784



4294967252



4281545216



4294967282



4279966976



4278190080



4292790049



4292790049

■ 4292789259

■ 4292790839

■ 4292788992

■ 4292791373

■ 4292792164

■ 4292792954

■ 4292793744

■ 4292794278

■ 4292795068

■ 4292795859

■ 4292796393

Harmonies

Analogous

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



4294946110



4292790049



4287879496

Triad

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



4292790049



4278249215



4294938623

Complementary

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



4292790049



4280367326

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.



4292521471



4292790049



4278246911

Square

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



4292790049



4278249682



4280208127



4294934972

Rectangle

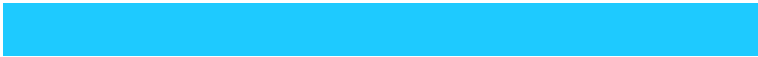
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292790049



4283031921



4280208127



4294940927

Sweetspot

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



4292790049



4294965181



4292747578



4286610264



4278190080



4286611584

Same Dimension

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



4292790049



4294959104



4288273953



4285558629



4289764096



4281346816

Inverse Universe

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



4280367326



4278198271



4284883422



4284835440



4278195632



4278191664

Previews

White Background



This preview shows how the Android color 4292790049 looks on a white background.

Color Contrast Check

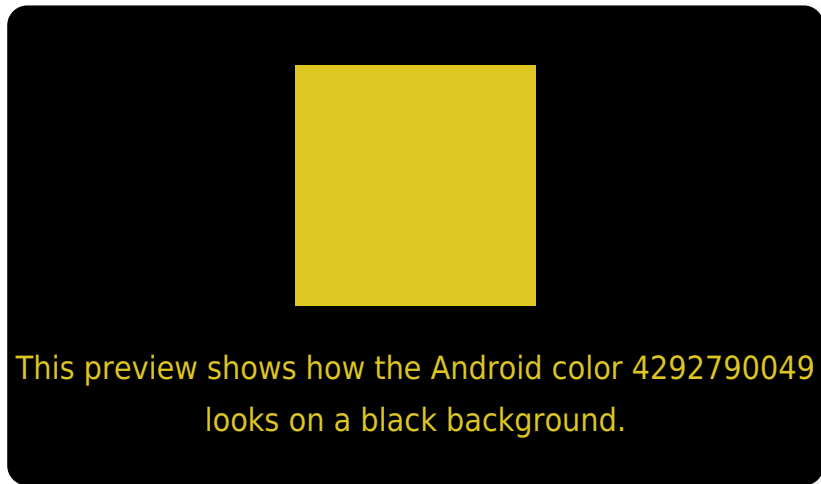
Large Text (above 18pt) WCAG AA × Fail

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 4292790049 Background



This preview shows how black text looks on a background with the Android color 4292790049.



This preview shows how white text looks on a background with the Android color 4292790049.

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
4292790049

Protanopia
4292855585

Deuteranopia
4294622248



Tritanopia
4293507528

Trichromacy



Original Color
4292790049

Protanomaly
4292855585

Deuteranomaly
4293967909

Tritanomaly
4293246603

Monochromacy



Original Color
4292790049

Achromatopsia
4290493371

Achromatomaly
4291346307

CSS Examples

Text

The CSS property to change the color of the text to Android 4292790049 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, 199, 33)` looks like.

```
.text, #text, p{  
    color:rgb(222, 199, 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, 199, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 199, 33) }
```

Border

The CSS property to change the border of an element to Android 4292790049 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, 199, 33) }
```

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

```
.border{ border-color:rgb(222, 199, 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, 199, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 199, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 199, 33);  
box-shadow:4px 4px 4px 4px rgb(222, 199,  
33) }
```

Background

The CSS property to change the background color of an element to Android 4292790049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 199, 33) }
```

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

```
.background{ background-color: rgb(222,  
199, 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