

Converting Colors

Android(4291870789)

Have a look what the booklet for
Android(4291870789) contains.

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Color

Android(4291870789)

Conversions

Conversions Part 1

Format	Color
Hex	D0C045
RGB	208, 192, 69
RGB Percent	82%, 75%, 27%
CMY	0.1843, 0.2471, 0.7294
CMYK	0.00, 0.08, 0.67, 0.18
HSL	53°, 60%, 54%
HSV	53°, 67%, 82%
XYZ	45.9362, 51.5388, 13.1571
YIQ	182.7620, 49.0190, -34.8610

Conversions

Conversions Part 2

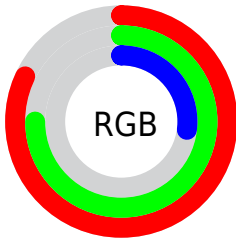
Format	Color
R _Y B	87, 208, 69
Decimal	13680709
CIE Lab	77.00, -8.50, 61.47
CIE LCh	77, 62.059, 97.871
Yxy	51.5388, 0.4152, 0.4659
Android (android.graphics.Color)	4291870789 (0xFFD0C045)
YUV	182.7620, -56.0847, 22.1337
Hunter-Lab	71.7906, -11.4176, 39.3873

Details

The Android color **4291870789** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4282734032**, and the grayscale version is **4290230199**.

A 20% lighter version of the original color is **4294965371**, and **4288056064** is the 20% darker color. If you saturate the color by 10%, you get **4291870256**, and if you desaturate by 10%, it is **4291871322**.

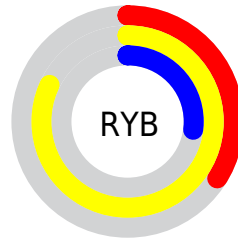
Distribution



Red (82%)

Green (75%)

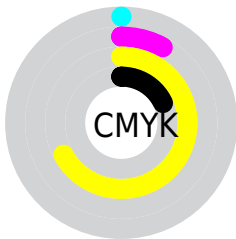
Blue (27%)



Red (34%)

Yellow (82%)

Blue (27%)

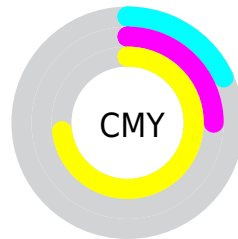


Cyan (0%)

Magenta (8%)

Yellow (67%)

Black (18%)



Cyan (18%)

Magenta (25%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291870789 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 4291870789 by changing the saturation by 10% instead.



4291870789



4291870789

4294967295



4289963304



4294965371



4288056064



4294967191



4286214656



4294967219



4284438784



4294967247



4282663424



4294967276



4280953856



4279244800



4278190080



4291870789



4291870789

4291870256

4291871322

4291869467

4291872111

4291868935

4291872643

4291868672

4291873432

4291873965

4291874498

4291875287

4291875819

4291876607

Harmonies

Analogous

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



4294945874



4291870789



4287876959

Triad

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



4291870789



4278245631



4294939627

Complementary

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



4291870789



4282734032

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.



4292258303



4291870789



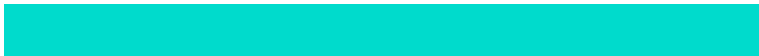
4278243583

Square

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



4291870789



4278246348



4285513727



4294937521

Rectangle

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



4291870789



4284339582



4285513727



4294941180

Sweetspot

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



4291870789



4294965708



4291839317



4286610529



4278190080



4286611584

Same Dimension

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



4291870789



4294961203



4288401477



4285097822



4289238272



4280886272

Inverse Universe

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



4282734032



4281551615



4286203344



4284374889



4278195112



4278191401

Previews

White Background



This preview shows how the Android color 4291870789 looks on a white background.

Color Contrast Check

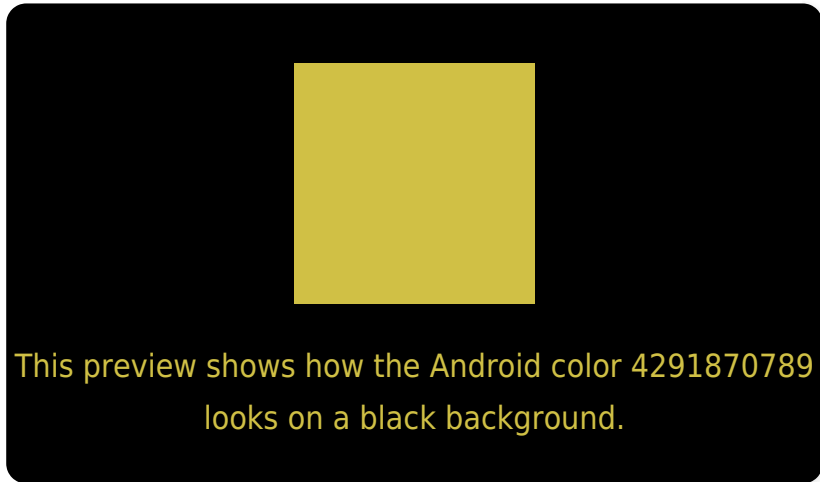
Large Text (above 18pt) WCAG AA × Fail

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 4291870789 Background



This preview shows how black text looks on a background with the Android color 4291870789.



This preview shows how white text looks on a background with the Android color 4291870789.

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
4291870789

Protanopia
4292132421

Deuteranopia
4293768521



Tritanopia
4292588738

Trichromacy



Original Color
4291870789

Protanomaly
4292067141

Deuteranomaly
4293048648

Tritanomaly
4292327573

Monochromacy



Original Color
4291870789

Achromatopsia
4290230199

Achromatomaly
4290820750

CSS Examples

Text

The CSS property to change the color of the text to Android 4291870789 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(208, 192, 69)` looks like.

```
.text, #text, p{  
    color:rgb(208, 192, 69)  
}
```

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(208, 192, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 192, 69) }
```

Border

The CSS property to change the border of an element to Android 4291870789 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(208, 192, 69) }
```

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

```
.border{ border-color:rgb(208, 192, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 192, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 192, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 192, 69);  
box-shadow:4px 4px 4px 4px rgb(208, 192,  
69) }
```

Background

The CSS property to change the background color of an element to Android 4291870789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 192, 69) }
```

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

```
.background{ background-color: rgb(208,  
192, 69) }
```

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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