

Converting Colors

Android(4294958378)

Have a look what the booklet for
Android(4294958378) contains.

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Color

Android(4294958378)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFDD2A |
| RGB | 255, 221, 42 |
| RGB Percent | 100%, 87%, 16% |
| CMY | 0.0000, 0.1333, 0.8353 |
| CMYK | 0.00, 0.13, 0.84, 0.00 |
| HSL | 50°, 100%, 58% |
| HSV | 50°, 84%, 100% |
| XYZ | 67.5144, 73.1401, 12.7495 |
| YIQ | 210.7600, 77.7230, -48.4610 |

Conversions

Conversions Part 2

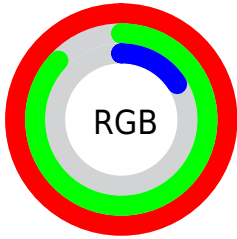
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 82, 255, 42 |
| Decimal | 16768298 |
| CIE Lab | 88.51, -4.37, 82.35 |
| CIE LCh | 89, 82.468, 93.037 |
| Yxy | 73.1401, 0.4401, 0.4768 |
| Android (android.graphics.Color) | 4294958378 (0xFFFFDD2A) |
| YUV | 210.7600, -83.1987, 38.7985 |
| Hunter-Lab | 85.5220, -8.7486, 51.0265 |

Details

The Android color **4294958378** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **4280962303**, and the grayscale version is **4292138196**.

A 20% lighter version of the original color is **4294967146**, and **4290946560** is the 20% darker color. If you saturate the color by 10%, you get **4294957328**, and if you desaturate by 10%, it is **4294959427**.

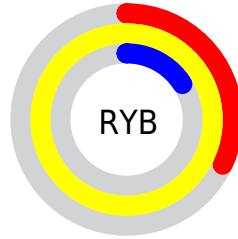
Distribution



Red (100%)

Green (87%)

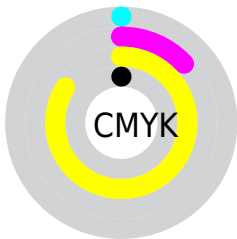
Blue (16%)



Red (32%)

Yellow (100%)

Blue (16%)

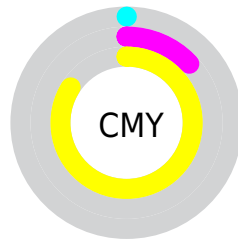


Cyan (0%)

Magenta (13%)

Yellow (84%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294958378 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 4294958378 by changing the saturation by 10% instead.



4294958378



4294958378

4294967295



4292919552



4294967146



4290946560



4294967175



4288973824



4294967204



4287066880



4294967234



4285094656



4294967263



4283319296

4294967293



4281544192



4279966208



4278190080

■ 4294958378

■ 4294958378

■ 4294957328

■ 4294959427

■ 4294956544

■ 4294960477

■ 4294961527

■ 4294962576

■ 4294963626

■ 4294964675

■ 4294965725

■ 4294967030

4294967295

Harmonies

Analogous

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



4294950733



4294958378



4289720910

Triad

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



4294958378



4278255615



4294943999

Complementary

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



4294958378



4280962303

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.



4293576447



4294958378



4278254079

Square

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



4294958378



4278255588



4278248959



4294939353

Rectangle

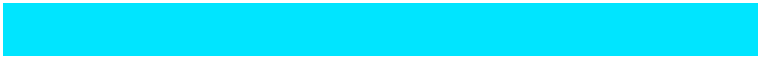
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294958378



4284808058



4278248959



4294946815

Sweetspot

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



4294958378



4294964671



4294912590



4286609753



4278190080



4286611584

Same Dimension

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



4294958378



4294956544



4290314026



4286610803



4290748672



4282398208

Inverse Universe

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



4280962303



4278200831



4285606655



4285756800



4278198207



4278192704

Previews

White Background



This preview shows how the Android color 4294958378 looks on a white background.

Color Contrast Check

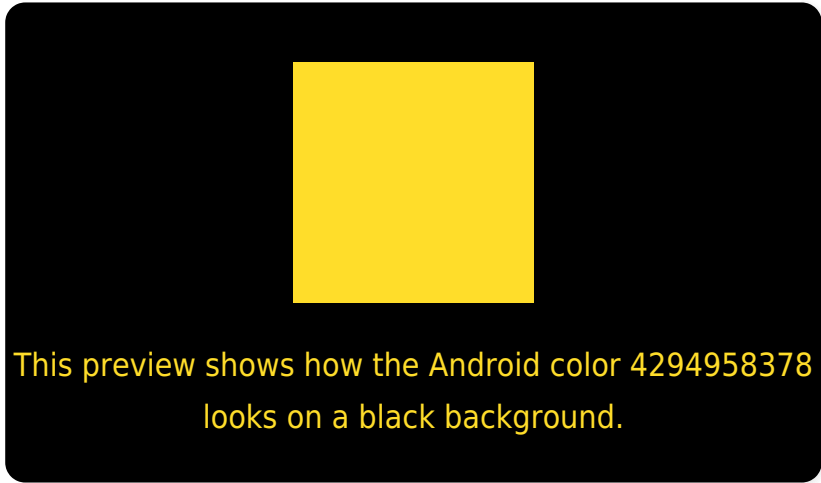
Large Text (above 18pt) WCAG AA × Fail

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 4294958378 Background



This preview shows how black text looks on a background with the Android color 4294958378.



This preview shows how white text looks on a background with the Android color 4294958378.

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


4294958378

Protanopia

4294631210

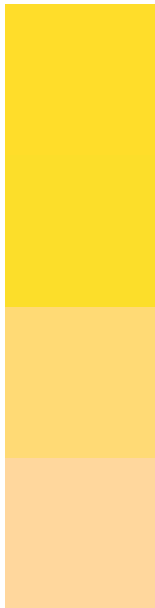
Deuteranopia

4294957216



Tritanopia
4294955998

Trichromacy



Original Color
4294958378

Protanomaly
4294762026

Deuteranomaly
4294957685

Tritanomaly
4294956957

Monochromacy



Original Color
4294958378

Achromatopsia
4292072403

Achromatomaly
4293121942

CSS Examples

Text

The CSS property to change the color of the text to Android 4294958378 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(255, 221, 42)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 42)  
}
```

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(255, 221, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 42) }
```

Border

The CSS property to change the border of an element to Android 4294958378 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(255, 221, 42) }
```

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

```
.border{ border-color:rgb(255, 221, 42) }
```

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

Here you see how a box with a 4 pixel rgb(255, 221, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 42);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
42) }
```

Background

The CSS property to change the background color of an element to Android 4294958378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 42) }
```

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

```
.background{ background-color: rgb(255,  
221, 42) }
```

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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