

Converting Colors

Android(4294950202)

Have a look what the booklet for
Android(4294950202) contains.

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Color

Android(4294950202)

Conversions

Conversions Part 1

Format	Color
Hex	FFBD3A
RGB	255, 189, 58
RGB Percent	100%, 74%, 23%
CMY	0.0000, 0.2588, 0.7725
CMYK	0.00, 0.26, 0.77, 0.00
HSL	40°, 100%, 61%
HSV	40°, 77%, 100%
XYZ	60.2013, 57.9607, 12.0176
YIQ	193.8000, 81.3870, -26.7490

Conversions

Conversions Part 2

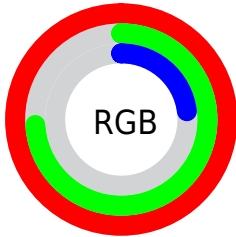
Format	Color
RYB	157, 255, 58
Decimal	16760122
CIELab	80.72, 12.51, 70.82
CIElCh	81, 71.914, 79.979
Yxy	57.9607, 0.4624, 0.4452
Android (android.graphics.Color)	4294950202 (0xFFFFBD3A)
YUV	193.8000, -66.9494, 53.6724
Hunter-Lab	76.1319, 7.9180, 43.9333

Details

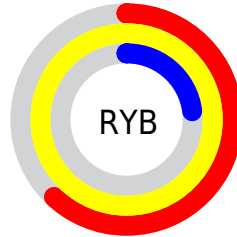
The Android color **4294950202** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **4282023167**, and the grayscale version is **4290953922**.

A 20% lighter version of the original color is **4294964594**, and **4290873344** is the 20% darker color. If you saturate the color by 10%, you get **4294947872**, and if you desaturate by 10%, it is **4294952531**.

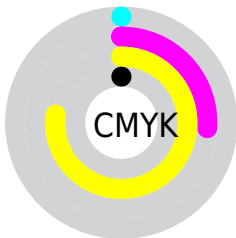
Distribution



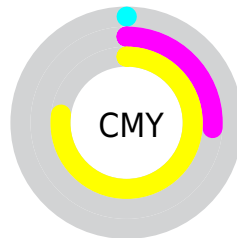
- Red (100%)
- Green (74%)
- Blue (23%)



- Red (62%)
- Yellow (100%)
- Blue (23%)



- Cyan (0%)
- Magenta (26%)
- Yellow (77%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294950202 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 4294950202 by changing the saturation by 10% instead.



4294950202



4294950202

4294967295



4292911640



4294964594



4290873344



4294967182



4288900864



4294967210



4286994176



4294967239



4285087488



4294967268



4283247104



4281537792



4279959552



4278190080

4294950202

4294950202

4294947872

4294952531

4294945799

4294954605

4294945280

4294956934

4294959008

4294961337

4294963411

4294965740

4294967295

Harmonies

Analogous

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



4294943331



4294950202



4290892350

Triad

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



4294950202



4278249972



4294943743

Complementary

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



4294950202



4282023167

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.



4288790783



4294950202



4278248703

Square

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



4294950202



4278249391



4278245119



4294938082

Rectangle

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



4294950202



4287552859



4278245119



4293504511

Sweetspot

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



4294950202



4294962116



4294916735



4286608476



4278190080



4286611584

Same Dimension

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



4294950202



4294946834



4293001018



4286610291



4290739968



4282395136

Inverse Universe

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



4282023167



4279394815



4283972351



4285757312



4278206655



4278195520

Previews

White Background



This preview shows how the Android color 4294950202 looks on a white background.

Color Contrast Check

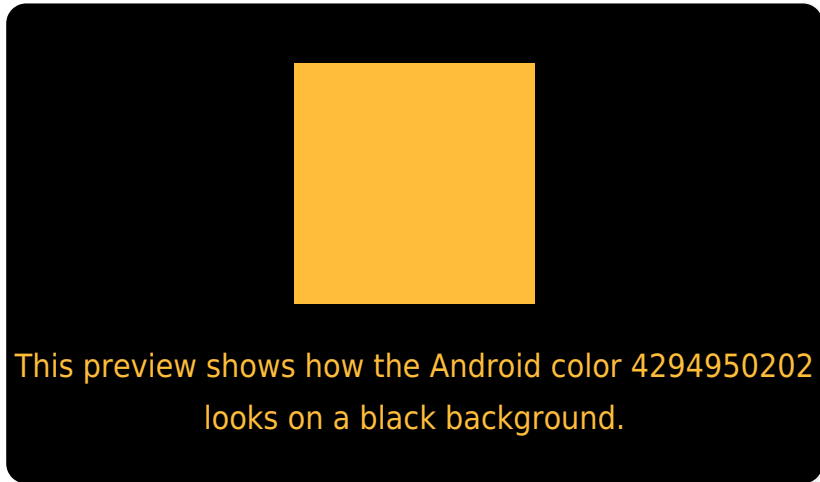
Large Text (above 18pt) WCAG AA × Fail

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 4294950202 Background



This preview shows how black text looks on a background with the Android color 4294950202.



This preview shows how white text looks on a background with the Android color 4294950202.

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
4294950202

Protanopia
4292987197

Deuteranopia
4294753849



Tritanopia
4294948032

Trichromacy



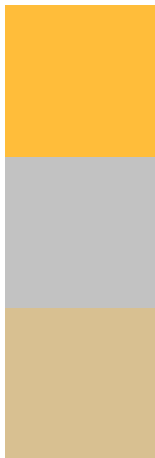
Original Color
4294950202

Protanomaly
4293707068

Deuteranomaly
4294819385

Tritanomaly
4294948751

Monochromacy



Original Color
4294950202

Achromatopsia
4290953922

Achromatomaly
4292395153

CSS Examples

Text

The CSS property to change the color of the text to Android 4294950202 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, 189, 58)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 58)  
}
```

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, 189, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 58) }
```

Border

The CSS property to change the border of an element to Android 4294950202 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, 189, 58) }
```

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

```
.border{ border-color:rgb(255, 189, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 58);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
58) }
```

Background

The CSS property to change the background color of an element to Android 4294950202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 58) }
```

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

```
.background{ background-color: rgb(255,  
189, 58) }
```

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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