Converting Colors

Android(4294950433)

Have a look what the booklet for Android(4294950433) contains.

Color

Android(4294950433)

Conversions

Conversions Part 1

Format	Color
Hex	FFBE21
RGB	255, 190, 33
RGB Percent	100%, 75%, 13%
CMY	0.0000, 0.2549, 0.8706
CMYK	0.00, 0.25, 0.87, 0.00
HSL	42°, 100%, 56%
HSV	42°, 87%, 100%
XYZ	59.9280, 58.1967, 9.5134
YIQ	191.5370, 89.1370, -35.0470

Conversions

Conversions Part 2

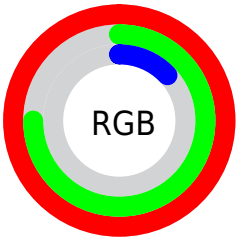
Format	Color
RYB	125, 255, 33
Decimal	16760353
CIELab	80.85, 11.30, 78.23
CIELCh	81, 79.044, 81.782
Yxy	58.1967, 0.4695, 0.4560
Android (android.graphics.Color)	4294950433 (0xFFFFBE21)
YUV	191.5370, -78.1587, 55.6571
Hunter-Lab	76.2868, 6.7209, 46.0069

Details

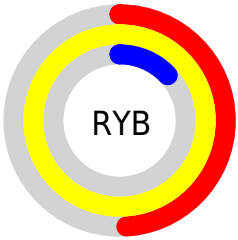
The Android color 4294950433 is a light color, and the websafe version is hex FFCC33. The color can be described as light washed orange. A complement of this color would be 4280378111, and the grayscale version is 4290822336.

A 20% lighter version of the original color is 4294964833, and 4290873600 is the 20% darker color. If you saturate the color by 10%, you get 4294948616, and if you desaturate by 10%, it is 4294952250.

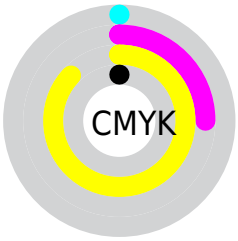
Distribution



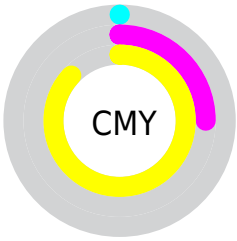
- Red (100%)
- Green (75%)
- Blue (13%)



- Red (49%)
- Yellow (100%)
- Blue (13%)



- Cyan (0%)
- Magenta (25%)
- Yellow (87%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294950433 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 4294950433 by changing the saturation by 10% instead.

4294950433

4294967295

4294964833

4294967165

4294967194

4294967222

4294967251

4294967281

4294950433

4292911872

4290873600

4288901120

4286928896

4285022464

4283181824

4281472512

4279894016

4278190080

4294950433

4294948616

4294947840

4294950433

4294952250

4294954324

4294956141

4294958215

4294960033

4294962106

4294963923

4294965997

4294967295

Harmonies

Analogous

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

4294942805

4294950433

4290434347

Triad

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

4294950433

4278250494

4294942207

Complementary

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

4294950433

4280378111

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.

4288855807

4294950433

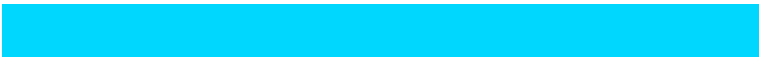
4278249215

Square

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

4294950433

4278250161



4278245375

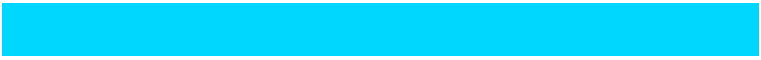
4294935520

Rectangle

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

4294950433

4286635857



4278245375

4294027519

Sweetspot

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

4294950433

4294962365

4294910308

4286608472

4278190080

4286611584

Same Dimension

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

4294950433

4294947840

4292083489

4286610547

4290742016

4282395904

Inverse Universe

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

4280378111

4278209535

4283245055

4285757056

4278204607

4278195008

Previews

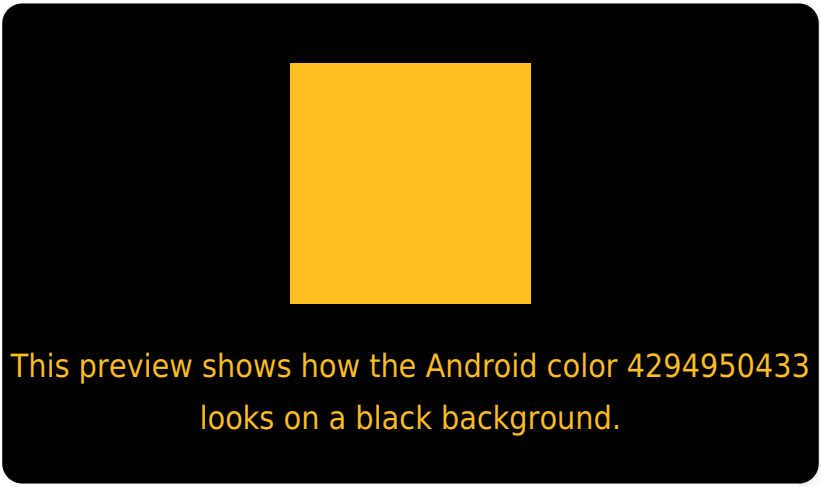
White Background

This preview shows how the Android color 4294950433 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 4294950433 Background

This preview shows how black text looks on a background with the Android color 4294950433.

This preview shows how white text looks on a background with the Android color 4294950433.

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
4294950433

Protanopia
4293052964

Deuteranopia
4294885153

Tritanopia
4294948288

Trichromacy

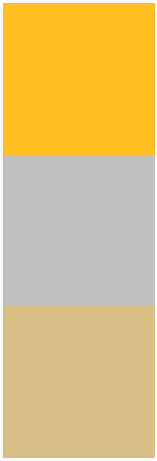
Original Color
4294950433

Protanomaly
4293772835

Deuteranomaly
4294885153

Tritanomaly
4294948998

Monochromacy



Original Color
4294950433

Achromatopsia
4290822336

Achromatomaly
4292329350

CSS Examples

Text

The CSS property to change the color of the text to Android 4294950433 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, 190, 33) looks like.

```
.text, #text, p{
    color:rgb(255, 190, 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(255, 190, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 33) }
```

Border

The CSS property to change the border of an element to Android 4294950433 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, 190, 33) }
```

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

```
.border{ border-color:rgb(255, 190, 33) }
```

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

Here you see how a box with a 4 pixel rgb(255, 190, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 190, 33); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 190, 33); box-shadow:4px 4px 4px 4px rgb(255, 190, 33) }
```

Background

The CSS property to change the background color of an element to Android 4294950433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(255, 190, 33) }
```

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

```
.background{ background-color:rgb(255,
190, 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.

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