

Converting Colors

Android(4294950444)

Have a look what the booklet for
Android(4294950444) contains.

Android(4294950444)	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(4294950444)

Conversions

Conversions Part 1

Format	Color
Hex	FFBE2C
RGB	255, 190, 44
RGB Percent	100%, 75%, 17%
CMY	0.0000, 0.2549, 0.8275
CMYK	0.00, 0.25, 0.83, 0.00
HSL	42°, 100%, 59%
HSV	42°, 83%, 100%
XYZ	60.1081, 58.2688, 10.4618
YIQ	192.7910, 85.6060, -31.6260

Conversions

Conversions Part 2

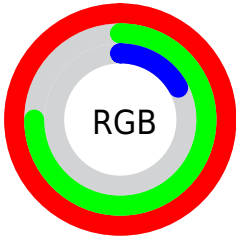
Format	Color
RYB	138, 255, 44
Decimal	16760364
CIELab	80.89, 11.55, 75.44
CIElCh	81, 76.324, 81.292
Yxy	58.2688, 0.4665, 0.4523
Android (android.graphics.Color)	4294950444 (0xFFFFBE2C)
YUV	192.7910, -73.3540, 54.5573
Hunter-Lab	76.3340, 6.9728, 45.3079

Details

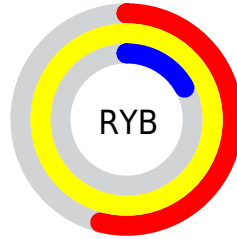
The Android color `4294950444` is a light color, and the websafe version is hex `FFCC33`. The color can be described as light washed orange. A complement of this color would be `4281101823`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4294964840`, and `4290873600` is the 20% darker color. If you saturate the color by 10%, you get `4294948371`, and if you desaturate by 10%, it is `4294952518`.

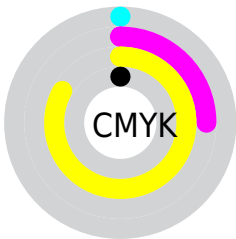
Distribution



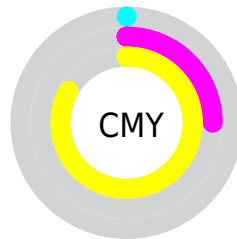
- Red (100%)
- Green (75%)
- Blue (17%)



- Red (54%)
- Yellow (100%)
- Blue (17%)



- Cyan (0%)
- Magenta (25%)
- Yellow (83%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294950444 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 4294950444 by changing the saturation by 10% instead.



4294950444



4294950444

4294967295



4292911872



4294964840



4290873600



4294967172



4288901120



4294967200



4286928896



4294967229



4285022208



4294967258



4283181824



4294967287



4281472512



4279959552



4278190080

4294950444

4294950444

4294948371

4294952518

4294946816

4294954591

4294956665

4294958482

4294960556

4294962629

4294964703

4294966776

4294967295

Harmonies

Analogous

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



4294943066



4294950444



4290565171

Triad

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



4294950444



4278250491



4294942719

Complementary

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



4294950444



4281101823

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.



4288921599



4294950444



4278248959

Square

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



4294950444



4278250161



4278245375



4294936545

Rectangle

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



4294950444



4286963542



4278245375



4293896959

Sweetspot

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



4294950444



4294962111



4294913135



4286608473



4278190080



4286611584

Same Dimension

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



4294950444



4294947075



4292411180



4286610547



4290741248



4282395648

Inverse Universe

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



4281101823



4278407423



4283641087



4285757312



4278205375



4278195264

Previews

White Background



This preview shows how the Android color 4294950444 looks on a white background.

Color Contrast Check

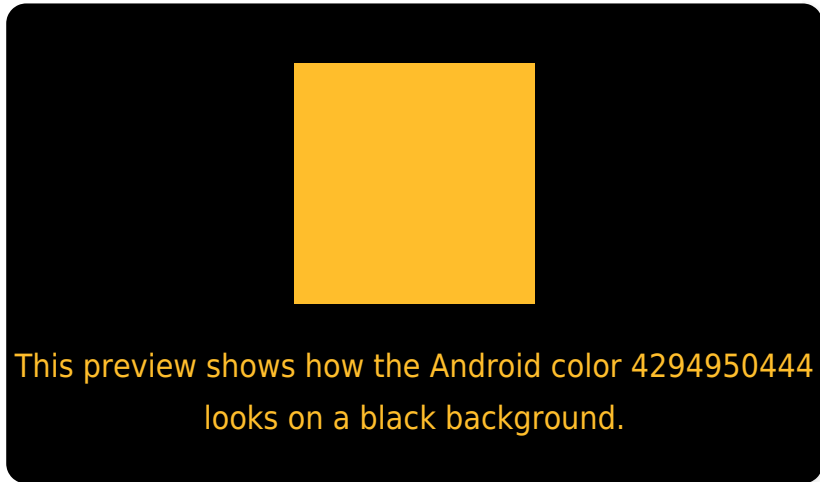
Large Text (above 18pt) WCAG AA × Fail

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 4294950444 Background



This preview shows how black text looks on a background with the Android color 4294950444.



This preview shows how white text looks on a background with the Android color 4294950444.

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
4294950444

Protanopia
4293052975

Deuteranopia
4294819628



Tritanopia
4294948288

Trichromacy



Original Color
4294950444

Protanomaly
4293772846

Deuteranomaly
4294885164

Tritanomaly
4294949002

Monochromacy



Original Color
4294950444

Achromatopsia
4290888129

Achromatomaly
4292395147

CSS Examples

Text

The CSS property to change the color of the text to Android 4294950444 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, 44)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 44)  
}
```

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, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 44) }
```

Border

The CSS property to change the border of an element to Android 4294950444 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, 44) }
```

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

```
.border{ border-color:rgb(255, 190, 44) }
```

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, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 44);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
44) }
```

Background

The CSS property to change the background color of an element to Android 4294950444 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, 44) }
```

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

```
.background{ background-color: rgb(255,  
190, 44) }
```

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