

Converting Colors

Android(4294948635)

Have a look what the booklet for
Android(4294948635) contains.

Android(4294948635)	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(4294948635)

Conversions

Conversions Part 1

Format	Color
Hex	FFB71B
RGB	255, 183, 27
RGB Percent	100%, 72%, 11%
CMY	0.0000, 0.2824, 0.8941
CMYK	0.00, 0.28, 0.89, 0.00
HSL	41°, 100%, 55%
HSV	41°, 89%, 100%
XYZ	58.3713, 55.2061, 8.6163
YIQ	186.7440, 92.9880, -33.2520

Conversions

Conversions Part 2

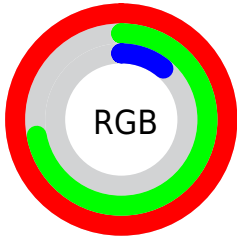
Format	Color
RYB	132, 255, 27
Decimal	16758555
CIELab	79.16, 14.83, 78.20
CIELCh	79, 79.597, 79.263
Yxy	55.2061, 0.4777, 0.4518
Android (android.graphics.Color)	4294948635 (0xFFFFB71B)
YUV	186.7440, -78.7538, 59.8605
Hunter-Lab	74.3008, 10.2046, 45.1350

Details

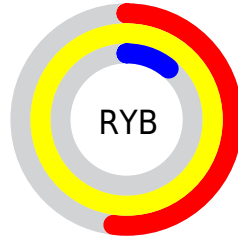
The Android color **4294948635** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **4279985151**, and the grayscale version is **4290493371**.

A 20% lighter version of the original color is **4294963036**, and **4290871808** is the 20% darker color. If you saturate the color by 10%, you get **4294946561**, and if you desaturate by 10%, it is **4294950708**.

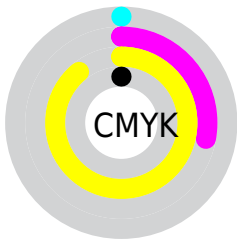
Distribution



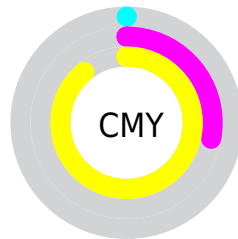
- Red (100%)
- Green (72%)
- Blue (11%)



- Red (52%)
- Yellow (100%)
- Blue (11%)



- Cyan (0%)
- Magenta (28%)
- Yellow (89%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294948635 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 4294948635 by changing the saturation by 10% instead.



4294948635



4294948635

4294967295



4292910080



4294963036



4290871808



4294967161



4288833792



4294967189



4286861568



4294967218



4284955136



4294967247



4283114752



4294967276



4281405440



4279762945



4278190080

■ 4294948635

■ 4294948635

■ 4294946561

■ 4294950708

■ 4294946304

■ 4294952782

■ 4294954855

■ 4294956929

■ 4294959002

■ 4294961076

■ 4294963149

■ 4294965223

4294967295

Harmonies

Analogous

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



4294940757



4294948635



4290498333

Triad

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



4294948635



4278249459



4294941439

Complementary

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



4294948635



4279985151

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.



4287544575



4294948635



4278248191

Square

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



4294948635



4278248870



4278244607



4294934242

Rectangle

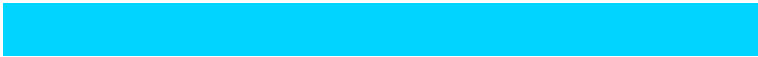
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294948635



4286831174



4278244607



4293175039

Sweetspot

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



4294948635



4294961594



4294908771



4286608215



4278190080



4286611584

Same Dimension

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



4294948635



4294946304



4292214555



4286610291



4290740992



4282395648

Inverse Universe

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



4279985151



4278211071



4282719231



4285757312



4278205631



4278195264

Previews

White Background



This preview shows how the Android color 4294948635 looks on a white background.

Color Contrast Check

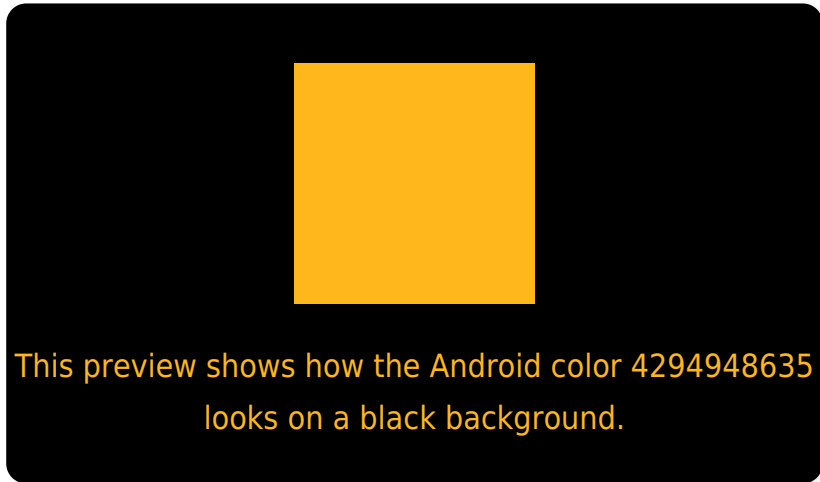
Large Text (above 18pt) WCAG AA × Fail

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 4294948635 Background



This preview shows how black text looks on a background with the Android color 4294948635.



This preview shows how white text looks on a background with the Android color 4294948635.

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
4294948635

Protanopia
4292723999

Deuteranopia
4294490648



Tritanopia
4294946489

Trichromacy



Original Color
4294948635

Protanomaly
4293509150

Deuteranomaly
4294687001

Tritanomaly
4294947200

Monochromacy



Original Color
4294948635

Achromatopsia
4290493371

Achromatomaly
4292131457

CSS Examples

Text

The CSS property to change the color of the text to Android 4294948635 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, 183, 27)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 27)  
}
```

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, 183, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 27) }
```

Border

The CSS property to change the border of an element to Android 4294948635 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, 183, 27) }
```

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

```
.border{ border-color:rgb(255, 183, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 27);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
27) }
```

Background

The CSS property to change the background color of an element to Android 4294948635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 27) }
```

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

```
.background{ background-color: rgb(255,  
183, 27) }
```

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