

Converting Colors

Android(4294947145)

Have a look what the booklet for
Android(4294947145) contains.

Android(4294947145)	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(4294947145)

Conversions

Conversions Part 1

Format	Color
Hex	FFB149
RGB	255, 177, 73
RGB Percent	100%, 69%, 29%
CMY	0.0000, 0.3059, 0.7137
CMYK	0.00, 0.31, 0.71, 0.00
HSL	34°, 100%, 64%
HSV	34°, 71%, 100%
XYZ	58.1647, 53.1853, 13.5035
YIQ	188.4660, 79.8720, -15.8080

Conversions

Conversions Part 2

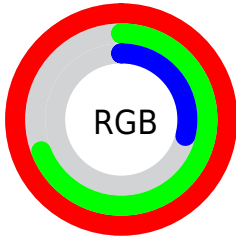
Format	Color
R_{YB}	210, 255, 73
Decimal	16757065
CIE _{Lab}	77.98, 19.39, 62.30
CIE _{LCh}	78, 65.253, 72.709
Yxy	53.1853, 0.4659, 0.4260
Android (android.graphics.Color)	4294947145 (0xFFFFB149)
YUV	188.4660, -56.9247, 58.3503
Hunter-Lab	72.9283, 14.7402, 40.0716

Details

The Android color **4294947145** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4283013119**, and the grayscale version is **4290624957**.

A 20% lighter version of the original color is **4294961535**, and **4290870283** is the 20% darker color. If you saturate the color by 10%, you get **4294944304**, and if you desaturate by 10%, it is **4294949986**.

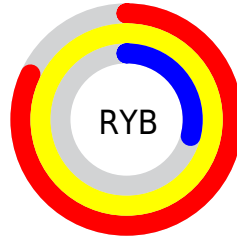
Distribution



Red (100%)

Green (69%)

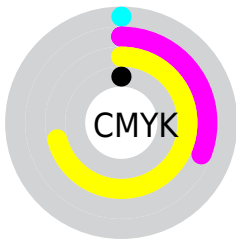
Blue (29%)



Red (82%)

Yellow (100%)

Blue (29%)

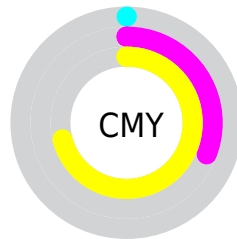


Cyan (0%)

Magenta (31%)

Yellow (71%)

Black (0%)



Cyan (0%)

















Magenta (31%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294947145 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 4294947145 by changing the saturation by 10% instead.

 4294947145	 4294947145
4294967295	 4292908590
 4294961535	 4290870283
 4294967194	 4288897792
 4294967222	 4286991104
 4294967250	 4285084928
 4294967279	 4283244288
	 4281469440
	 4279697408
	 4278190080

4294947145

4294947145

4294944304

4294949986

4294941462

4294952828

4294939136

4294955669

4294958511

4294961353

4294964194

4294967035

4294967295

Harmonies

Analogous

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



4294941297



4294947145



4291479106

Triad

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



4294947145



4278247386



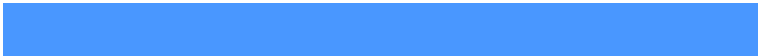
4293306111

Complementary

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



4294947145



4283013119

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.



4286693375



4294947145



4278246399

Square

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



4294947145



4278246555



4278243839



4294938854

Rectangle

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



4294947145



4288663637



4278243839



4291473407

Sweetspot

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



4294947145



4294961353



4294920600



4286607968



4278190080



4286611584

Same Dimension

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



4294947145



4294943012



4294180681



4286610035



4290735360



4282393600

Inverse Universe

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



4283013119



4280582911



4283779583



4285757568



4278211263



4278197056

Previews

White Background



This preview shows how the Android color 4294947145 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



This preview shows how the Android color 4294947145 looks on a 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 4294947145 Background



This preview shows how black text looks on a background with the Android color 4294947145.



This preview shows how white text looks on a background with the Android color 4294947145.

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
4294947145

Protanopia
4292329806

Deuteranopia
4294031431



Tritanopia
4294945460

Trichromacy



Original Color
4294947145

Protanomaly
4293311308

Deuteranomaly
4294358344

Tritanomaly
4294946189

Monochromacy



Original Color
4294947145

Achromatopsia
4290559164

Achromatomaly
4292130962

CSS Examples

Text

The CSS property to change the color of the text to Android 4294947145 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, 177, 73)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 73)  
}
```

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, 177, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 73) }
```

Border

The CSS property to change the border of an element to Android 4294947145 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, 177, 73) }
```

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

```
.border{ border-color:rgb(255, 177, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 73);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
73) }
```

Background

The CSS property to change the background color of an element to Android 4294947145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 73) }
```

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

```
.background{ background-color: rgb(255,  
177, 73) }
```

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