

Converting Colors

Android(4294946904)

Have a look what the booklet for
Android(4294946904) contains.

Android(4294946904)	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(4294946904)

Conversions

Conversions Part 1

Format	Color
Hex	FFB058
RGB	255, 176, 88
RGB Percent	100%, 69%, 35%
CMY	0.0000, 0.3098, 0.6549
CMYK	0.00, 0.31, 0.65, 0.00
HSL	32°, 100%, 67%
HSV	32°, 65%, 100%
XYZ	58.5268, 53.0152, 16.3808
YIQ	189.5890, 75.3320, -10.6200

Conversions

Conversions Part 2

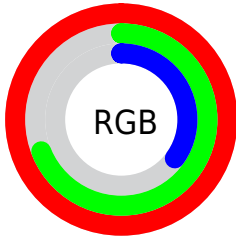
Format	Color
R_{YB}	238, 255, 88
Decimal	16756824
CIE _{Lab}	77.88, 20.71, 55.50
CIE _{LCh}	78, 59.235, 69.540
Yxy	53.0152, 0.4575, 0.4144
Android (android.graphics.Color)	4294946904 (0xFFFFB058)
YUV	189.5890, -50.0834, 57.3654
Hunter-Lab	72.8116, 16.0601, 37.6293

Details

The Android color `4294946904` is a light color, and the websafe version is hex `FFCC66`. The color can be described as light muted orange. A complement of this color would be `4284000255`, and the grayscale version is `4290690750`.

A 20% lighter version of the original color is `4294961293`, and `4290935588` is the 20% darker color. If you saturate the color by 10%, you get `4294943807`, and if you desaturate by 10%, it is `4294950002`.

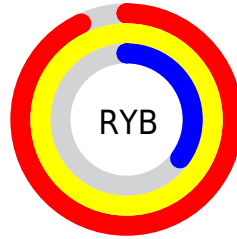
Distribution



Red (100%)

Green (69%)

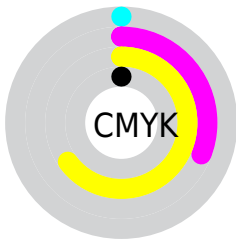
Blue (35%)



Red (93%)

Yellow (100%)

Blue (35%)

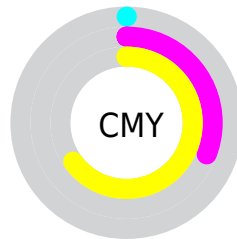


Cyan (0%)

Magenta (31%)

Yellow (65%)

Black (0%)



Cyan (0%)
















Magenta (31%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294946904 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 4294946904 by changing the saturation by 10% instead.

 4294946904	 4294946904
4294967295	 4292908350
 4294961293	 4290935588
 4294967208	 4288963073
 4294967236	 4287056384
 4294967265	 4285149952
4294967294	 4283309312
	 4281534464
	 4279762945
	 4278190080

4294946904

4294946904

4294943807

4294950002

4294940709

4294953099

4294937612

4294956197

4294936064

4294959294

4294962392

4294965489

4294967295

Harmonies

Analogous

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



4294941821



4294946904



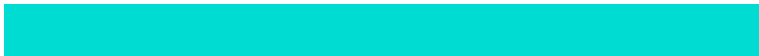
4291806031

Triad

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



4294946904



4278246609



4292586495

Complementary

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



4294946904



4284000255

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.



4286628351



4294946904



4278246143

Square

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



4294946904



4282112408



4278243839



4294940648

Rectangle

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



4294946904



4289318236



4278243839



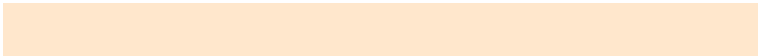
4290949887

Sweetspot

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



4294946904



4294961100



4294924457



4286607713



4278190080



4286611584

Same Dimension

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



4294946904



4294942774



4294770520



4286609779



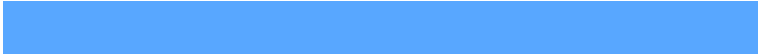
4290733312



4282393088

Inverse Universe

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



4284000255



4281767423



4284176639



4285757824



4278213311



4278197824

Previews

White Background



This preview shows how the Android color 4294946904 looks on a white background.

Color Contrast Check

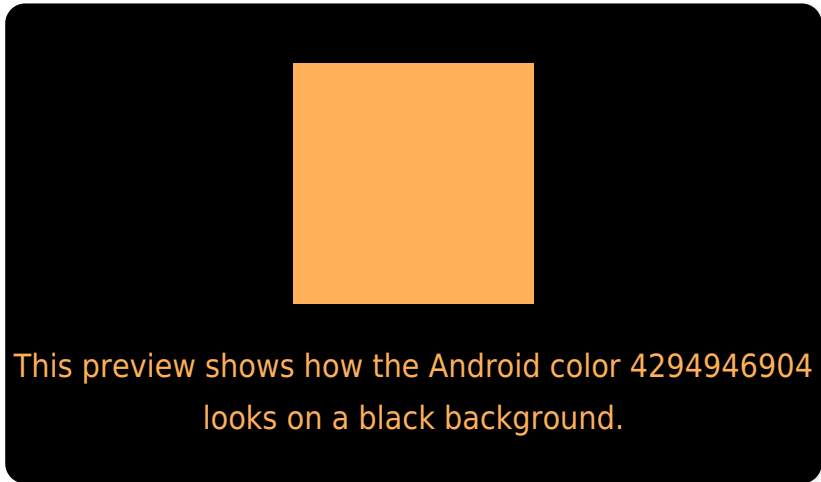
Large Text (above 18pt) WCAG AA × Fail

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 4294946904 Background



This preview shows how black text looks on a background with the Android color 4294946904.



This preview shows how white text looks on a background with the Android color 4294946904.

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
4294946904

Protanopia
4292264285

Deuteranopia
4293900374



Tritanopia
4294945204

Trichromacy



Original Color

4294946904

Protanomaly

4293245787

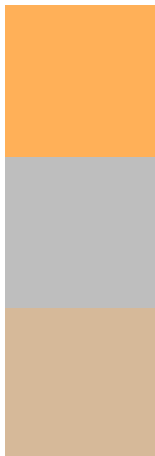
Deuteranomaly

4294292823

Tritanomaly

4294945939

Monochromacy



Original Color

4294946904

Achromatopsia

4290690750

Achromatomaly

4292262297

CSS Examples

Text

The CSS property to change the color of the text to Android 4294946904 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, 176, 88)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 88)  
}
```

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, 176, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 88) }
```

Border

The CSS property to change the border of an element to Android 4294946904 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, 176, 88) }
```

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

```
.border{ border-color:rgb(255, 176, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 88);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
88) }
```

Background

The CSS property to change the background color of an element to Android 4294946904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 88) }
```

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

```
.background{ background-color: rgb(255,  
176, 88) }
```

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