

Converting Colors

Android(4294677063)

Have a look what the booklet for
Android(4294677063) contains.

Android(4294677063)	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(4294677063)

Conversions

Conversions Part 1

Format	Color
Hex	FB9247
RGB	251, 146, 71
RGB Percent	98%, 57%, 28%
CMY	0.0157, 0.4275, 0.7216
CMYK	0.00, 0.42, 0.72, 0.02
HSL	25°, 96%, 63%
HSV	25°, 72%, 98%
XYZ	51.1999, 41.5219, 11.2772
YIQ	168.8450, 86.6550, -1.0650

Conversions

Conversions Part 2

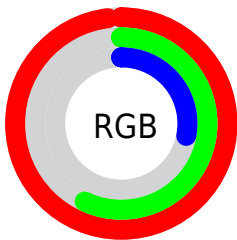
Format	Color
RYB	251, 200, 71
Decimal	16486983
CIELab	70.54, 33.81, 55.28
CIELCh	71, 64.804, 58.548
Yxy	41.5219, 0.4923, 0.3993
Android (android.graphics.Color)	4294677063 (0xFFFB9247)
YUV	168.8450, -48.2376, 72.0499
Hunter-Lab	64.4375, 29.0644, 34.7299

Details

The Android color `4294677063` 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 `4282888443`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4294953339`, and `4290600465` is the 20% darker color. If you saturate the color by 10%, you get `4294673198`, and if you desaturate by 10%, it is `4294680928`.

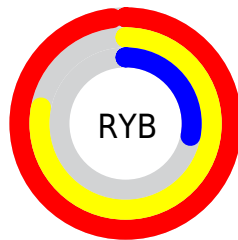
Distribution



Red (98%)

Green (57%)

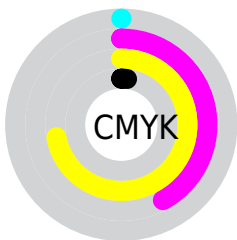
Blue (28%)



Red (98%)

Yellow (78%)

Blue (28%)

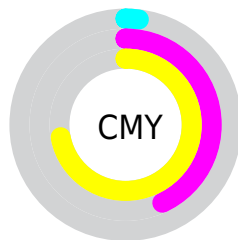


Cyan (0%)

Magenta (42%)

Yellow (72%)

Black (2%)



Cyan (2%)

Magenta (43%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294677063 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 4294677063 by changing the saturation by 10% instead.

 4294677063

 4294677063

4294967295

 4292638765

 4294953339

 4290600465

 4294960534

 4288562432

 4294967217


 4286655744

 4294967245

 4284683264

 4294967274

 4282777600

 4281204737

 4278190080

 4294677063

 4294677063

4294673198

4294680928

4294669589

4294684537

4294666496

4294688402

4294692267

4294695876

4294699742

4294703351

4294705151

Harmonies

Analogous

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



4294933624



4294677063



4291733803

Triad

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



4294677063



4278241704



4289240831

Complementary

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



4294677063



4282888443

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.



4278236415



4294677063



4278241507

Square

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



4294677063



4282303596



4278239999



4294018539

Rectangle

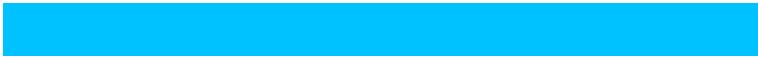
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294677063



4289312049



4278239999



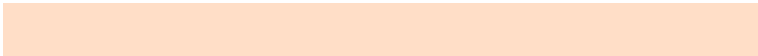
4286883583

Sweetspot

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



4294677063



4294958791



4294657968



4286606430



4278190080



4286611584

Same Dimension

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



4294677063



4294934308



4294700103



4286412400



4290596608



4282194176

Inverse Universe

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



4282888443



4280591615



4282865403



4285560957



4278218429



4278199357

Previews

White Background



This preview shows how the Android color 4294677063 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 4294677063 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 4294677063 Background



This preview shows how black text looks on a background with the Android color 4294677063.



This preview shows how white text looks on a background with the Android color 4294677063.

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
4294677063

Protanopia
4290817359

Deuteranopia
4292322370



Tritanopia
4294937236

Trichromacy



Original Color

4294677063



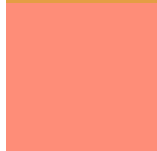
Protanomaly

4292191052



Deuteranomaly

4293172548



Tritanomaly

4294872440

Monochromacy



Original Color

4294677063



Achromatopsia

4289309097



Achromatomaly

4291273093

CSS Examples

Text

The CSS property to change the color of the text to Android 4294677063 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(251, 146, 71)` looks like.

```
.text, #text, p{  
    color:rgb(251, 146, 71)  
}
```

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(251, 146, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 146, 71) }
```

Border

The CSS property to change the border of an element to Android 4294677063 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(251, 146, 71) }
```

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

```
.border{ border-color:rgb(251, 146, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 146, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 146, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 146, 71);  
box-shadow:4px 4px 4px 4px rgb(251, 146,  
71) }
```

Background

The CSS property to change the background color of an element to Android 4294677063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 146, 71) }
```

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

```
.background{ background-color: rgb(251,  
146, 71) }
```

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