

Converting Colors

Android(4294016850)

Have a look what the booklet for
Android(4294016850) contains.

Android(4294016850)	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(4294016850)

Conversions

Conversions Part 1

Format	Color
Hex	F17F52
RGB	241, 127, 82
RGB Percent	95%, 50%, 32%
CMY	0.0549, 0.5020, 0.6784
CMYK	0.00, 0.47, 0.66, 0.05
HSL	17°, 85%, 63%
HSV	17°, 66%, 95%
XYZ	45.3880, 34.4887, 12.2474
YIQ	155.9560, 82.3890, 10.1730

Conversions

Conversions Part 2

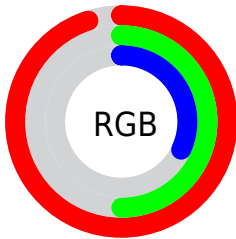
Format	Color
R _Y B	241, 145, 82
Decimal	15826770
CIE Lab	65.35, 40.17, 43.71
CIE LCh	65, 59.369, 47.415
Yxy	34.4887, 0.4927, 0.3744
Android (android.graphics.Color)	4294016850 (0xFFFF17F52)
YUV	155.9560, -36.4603, 74.5836
Hunter-Lab	58.7271, 35.1836, 28.7441

Details

The Android color **4294016850** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **4283614449**, and the grayscale version is **4288453788**.

A 20% lighter version of the original color is **4294948229**, and **4289940258** is the 20% darker color. If you saturate the color by 10%, you get **4294012474**, and if you desaturate by 10%, it is **4294021226**.

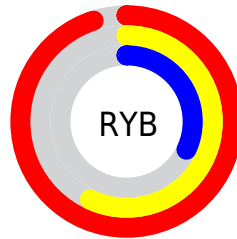
Distribution



Red (95%)

Green (50%)

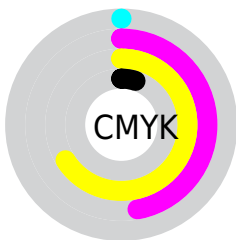
Blue (32%)



Red (95%)

Yellow (57%)

Blue (32%)

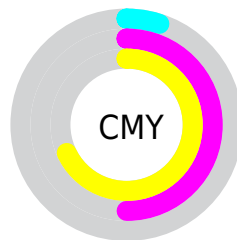


Cyan (0%)

Magenta (47%)

Yellow (66%)

Black (5%)



Cyan (5%)

Magenta (50%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294016850 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 4294016850 by changing the saturation by 10% instead.

 4294016850

 4294016850

4294967295

 4291978554

 4294948229

 4289940258

 4294955423

 4287967753

 4294962875

 4286060032

 4294967255

 4284088320

 4294967283

 4282253312

 4280418305

 4278190080

 4294016850

 4294016850

 4294012474

 4294021226

 4294007842

 4294025858

 4294003466

 4294030234

 4294001664

 4294034610

 4294038987

 4294043619

 4294047995

 4294049791

Harmonies

Analogous

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



4294930306



4294016850



4291728433

Triad

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



4294016850



4278237062



4286028543

Complementary

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



4294016850



4283614449

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.



4278234111



4294016850



4278237373

Square

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



4294016850



4284461395



4278236652



4291396583

Rectangle

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



4294016850



4289699883



4278236652



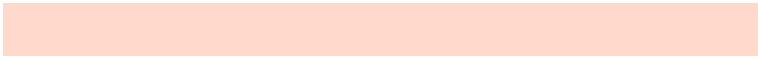
4283015423

Sweetspot

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



4294016850



4294957772



4294005447



4286605921



4278190080



4286611584

Same Dimension

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



4294016850



4294930230



4294036562



4286082924



4290262016



4281864192

Inverse Universe

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



4283614449



4281779967



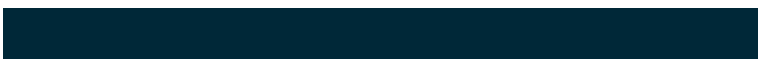
4283594737



4285297784



4278224056



4278200376

Previews

White Background



This preview shows how the Android color 4294016850 looks on a white background.

Color Contrast Check

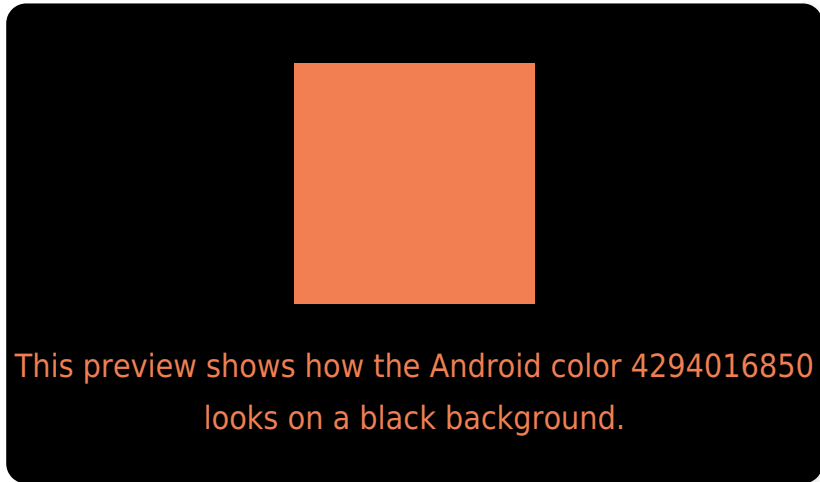
Large Text (above 18pt) WCAG AA × Fail

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 4294016850 Background



This preview shows how black text looks on a background with the Android color 4294016850.



This preview shows how white text looks on a background with the Android color 4294016850.

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
4294016850

Protanopia
4289634141

Deuteranopia
4291073869

Trichromacy



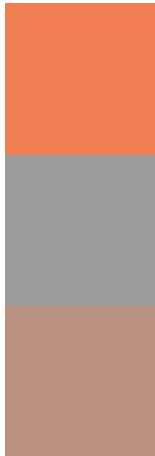
Original Color
4294016850

Protanomaly
4291203929

Deuteranomaly
4292120143

Tritanomaly
4294146929

Monochromacy



Original Color
4294016850

Achromatopsia
4288453788

Achromatomaly
4290482561

CSS Examples

Text

The CSS property to change the color of the text to Android 4294016850 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(241, 127, 82)` looks like.

```
.text, #text, p{  
    color:rgb(241, 127, 82)  
}
```

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(241, 127, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 127, 82) }
```

Border

The CSS property to change the border of an element to Android 4294016850 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(241, 127, 82) }
```

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

```
.border{ border-color:rgb(241, 127, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 127, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 127, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 127, 82);  
box-shadow:4px 4px 4px 4px rgb(241, 127,  
82) }
```

Background

The CSS property to change the background color of an element to Android 4294016850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 127, 82) }
```

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

```
.background{ background-color: rgb(241,  
127, 82) }
```

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](#).

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