

Converting Colors

Android(4294291824)

Have a look what the booklet for
Android(4294291824) contains.

Android(4294291824)	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(4294291824)

Conversions

Conversions Part 1

Format	Color
Hex	F5B170
RGB	245, 177, 112
RGB Percent	96%, 69%, 44%
CMY	0.0392, 0.3059, 0.5608
CMYK	0.00, 0.28, 0.54, 0.04
HSL	29°, 87%, 70%
HSV	29°, 54%, 96%
XYZ	56.3030, 52.0266, 22.4039
YIQ	189.9220, 61.3930, -5.7990

Conversions

Conversions Part 2

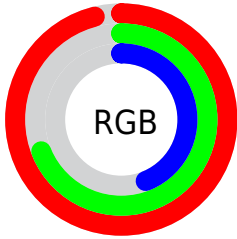
Format	Color
R_{YB}	245, 239, 112
Decimal	16101744
CIE _{Lab}	77.30, 17.78, 42.78
CIE _{LCh}	77, 46.331, 67.433
Yxy	52.0266, 0.4307, 0.3980
Android (android.graphics.Color)	4294291824 (0xFFF5B170)
YUV	189.9220, -38.4155, 48.3034
Hunter-Lab	72.1295, 13.1073, 32.0748

Details

The Android color **4294291824** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **4285576437**, and the grayscale version is **4290690750**.

A 20% lighter version of the original color is **4294961573**, and **4290411582** is the 20% darker color. If you saturate the color by 10%, you get **4294288471**, and if you desaturate by 10%, it is **4294295177**.

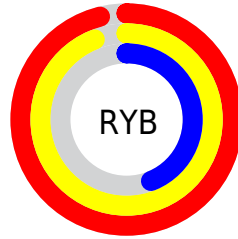
Distribution



Red (96%)

Green (69%)

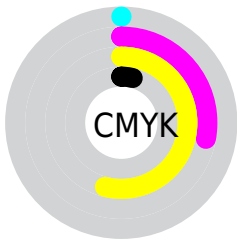
Blue (44%)



Red (96%)

Yellow (94%)

Blue (44%)

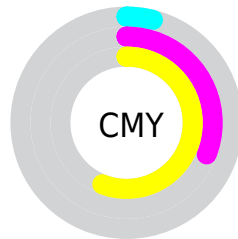


Cyan (0%)

Magenta (28%)

Yellow (54%)

Black (4%)



Cyan (4%)

Magenta (31%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294291824 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 4294291824 by changing the saturation by 10% instead.



4294291824



4294291824

4294967295



4292318807



4294961573



4290411582



4294967232



4288504614



4294967261



4286597900



4294967289



4284822528



4282982144



4281272832



4279173120



4278190080

 4294291824

 4294291824

 4294288471

 4294295177

 4294285375

 4294298273

 4294282022

 4294301626

 4294278926

 4294304722

 4294277120

 4294308075

 4294311167

 4294311935

Harmonies

Analogous

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



4294943629



4294291824



4291870824

Triad

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



4294291824



4278245065



4291932415

Complementary

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



4294291824



4285576437

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.



4287611135



4294291824



4278244338

Square

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



4294291824



4285191069



4281191679



4294812385

Rectangle

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



4294291824



4289906801



4281191679



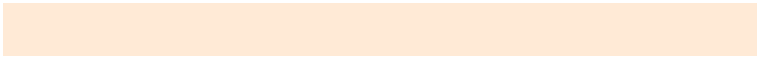
4290688511

Sweetspot

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



4294291824



4294961878



4294275253



4286608231



4278190080



4286611584

Same Dimension

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



4294291824



4294945369



4294308720



4286215278



4290403072



4282064128

Inverse Universe

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



4285576437



4284067583



4285559541



4285428858



4278214586



4278197819

Previews

White Background



This preview shows how the Android color 4294291824 looks on a white background.

Color Contrast Check

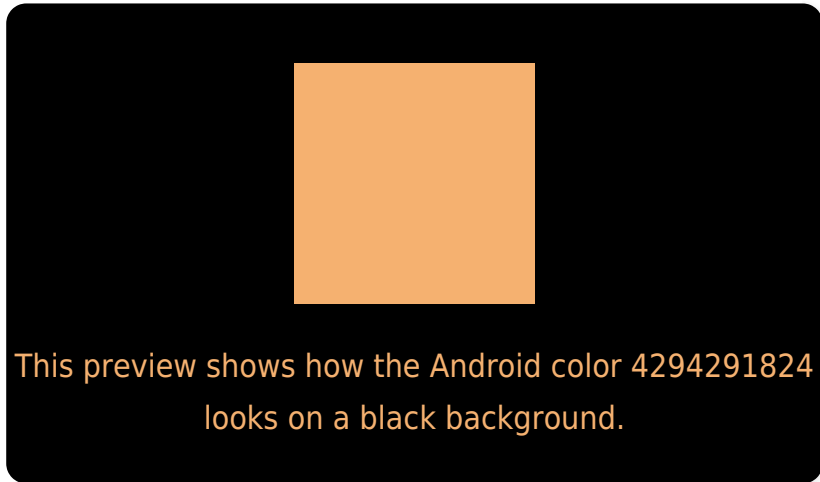
Large Text (above 18pt) WCAG AA × Fail

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

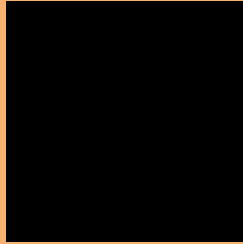
Any Text WCAG AA ✓ Pass

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 4294291824 Background



This preview shows how black text looks on a background with the Android color 4294291824.



This preview shows how white text looks on a background with the Android color 4294291824.

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
4294291824

Protanopia
4291936117

Deuteranopia
4293506671



Tritanopia
4294683061

Trichromacy



Original Color
4294291824

Protanomaly
4292786803

Deuteranomaly
4293768303

Tritanomaly
4294552732

Monochromacy



Original Color
4294291824

Achromatopsia
4290690750

Achromatomaly
4292000162

CSS Examples

Text

The CSS property to change the color of the text to Android 4294291824 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(245, 177, 112)` looks like.

```
.text, #text, p{  
    color:rgb(245, 177, 112)  
}
```

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(245, 177, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 177, 112) }
```

Border

The CSS property to change the border of an element to Android 4294291824 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(245, 177, 112) }
```

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

```
.border{ border-color:rgb(245, 177, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 177, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 177, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 177, 112);  
box-shadow:4px 4px 4px 4px rgb(245, 177,  
112) }
```

Background

The CSS property to change the background color of an element to Android 4294291824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 177, 112) }
```

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

```
.background{ background-color: rgb(245,  
177, 112) }
```

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