

Converting Colors

Android(4294683721)

Have a look what the booklet for
Android(4294683721) contains.

Android(4294683721)	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(4294683721)

Conversions

Conversions Part 1

Format	Color
Hex	FBAC49
RGB	251, 172, 73
RGB Percent	98%, 67%, 29%
CMY	0.0157, 0.3255, 0.7137
CMYK	0.00, 0.31, 0.71, 0.02
HSL	33°, 96%, 64%
HSV	33°, 71%, 98%
XYZ	55.7388, 50.4953, 13.1121
YIQ	184.3350, 78.8630, -14.0410

Conversions

Conversions Part 2

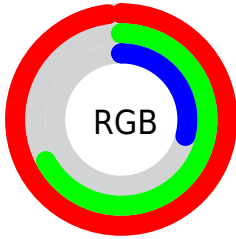
Format	Color
RYB	215, 251, 73
Decimal	16493641
CIELab	76.37, 20.36, 60.50
CIELCh	76, 63.831, 71.402
Yxy	50.4953, 0.4670, 0.4231
Android (android.graphics.Color)	4294683721 (0xFFFBAC49)
YUV	184.3350, -54.8882, 58.4652
Hunter-Lab	71.0601, 15.6585, 38.8017

Details

The Android color **4294683721** 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 **4283013371**, and the grayscale version is **4290361785**.

A 20% lighter version of the original color is **4294959998**, and **4290672654** is the 20% darker color. If you saturate the color by 10%, you get **4294680880**, and if you desaturate by 10%, it is **4294686562**.

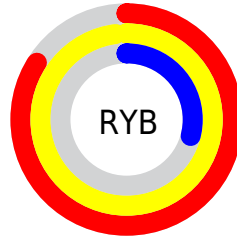
Distribution



Red (98%)

Green (67%)

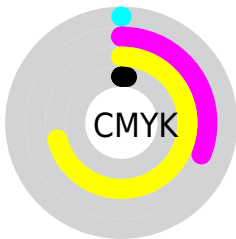
Blue (29%)



Red (84%)

Yellow (98%)

Blue (29%)

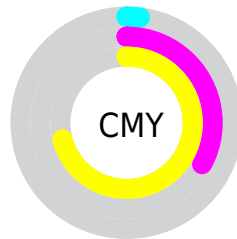


Cyan (0%)

Magenta (31%)

Yellow (71%)

Black (2%)



Cyan (2%)

















Magenta (33%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294683721 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 4294683721 by changing the saturation by 10% instead.

 4294683721	 4294683721
4294967295	 4292645166
 4294959998	 4290672654
 4294967193	 4288700160
 4294967221	 4286727936
 4294967250	 4284821504
 4294967278	 4282981120
	 4281271552
	 4278976512
	 4278190080

4294683721

4294683721

4294680880

4294686562

4294678039

4294689403

4294675456

4294692244

4294695341

4294698182

4294701024

4294703865

4294705151

Harmonies

Analogous

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



4294940017



4294683721



4291346496

Triad

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



4294683721



4278245842



4292715519

Complementary

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



4294683721



4283013371

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.



4286168063



4294683721



4278245375

Square

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



4294683721



4278245269



4278242815



4294938339

Rectangle

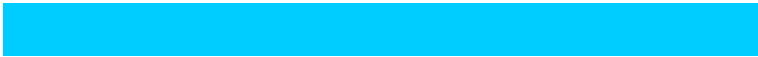
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294683721



4288596817



4278242815



4290948351

Sweetspot

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



4294683721



4294961097



4294658457



4286607712



4278190080



4286611584

Same Dimension

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



4294683721



4294942502



4294114121



4286412656



4290603264



4282196480

Inverse Universe

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



4283013371



4280715007



4283582971



4285560445



4278211773



4278197053

Previews

White Background



This preview shows how the Android color 4294683721 looks on a white background.

Color Contrast Check

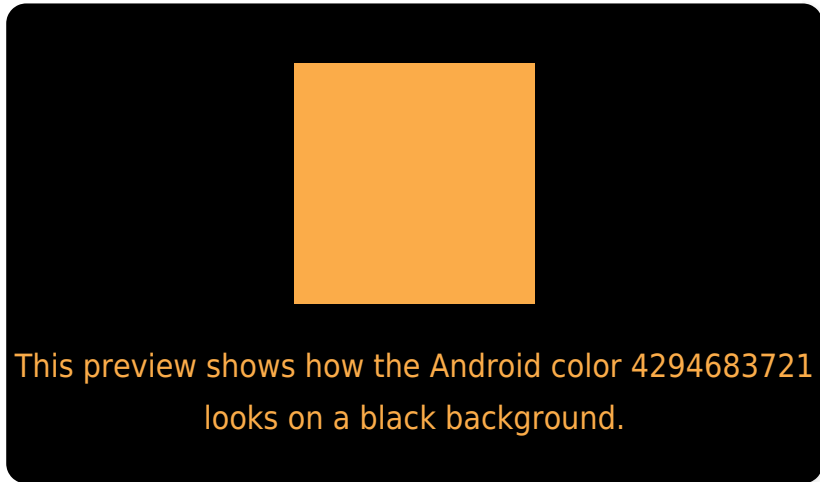
Large Text (above 18pt) WCAG AA × Fail

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 4294683721 Background



This preview shows how black text looks on a background with the Android color 4294683721.



This preview shows how white text looks on a background with the Android color 4294683721.

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
4294683721

Protanopia
4292001102

Deuteranopia
4293636935



Tritanopia
4294943662

Trichromacy



Original Color
4294683721

Protanomaly
4292982604

Deuteranomaly
4294029384

Tritanomaly
4294878857

Monochromacy



Original Color
4294683721

Achromatopsia
4290295992

Achromatomaly
4291867792

CSS Examples

Text

The CSS property to change the color of the text to Android 4294683721 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, 172, 73)` looks like.

```
.text, #text, p{  
    color:rgb(251, 172, 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(251, 172, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 172, 73) }
```

Border

The CSS property to change the border of an element to Android 4294683721 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, 172, 73) }
```

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

```
.border{ border-color:rgb(251, 172, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 172, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 172, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 172, 73);  
box-shadow:4px 4px 4px 4px rgb(251, 172,  
73) }
```

Background

The CSS property to change the background color of an element to Android 4294683721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 172, 73) }
```

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

```
.background{ background-color: rgb(251,  
172, 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