

Converting Colors

Android(4289767009)

Have a look what the booklet for
Android(4289767009) contains.

Android(4289767009)	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(4289767009)

Conversions

Conversions Part 1

Format	Color
Hex	B0A661
RGB	176, 166, 97
RGB Percent	69%, 65%, 38%
CMY	0.3098, 0.3490, 0.6196
CMYK	0.00, 0.06, 0.45, 0.31
HSL	52°, 33%, 54%
HSV	52°, 45%, 69%
XYZ	33.6984, 37.3656, 16.7455
YIQ	161.1240, 28.1090, -19.3390

Conversions

Conversions Part 2

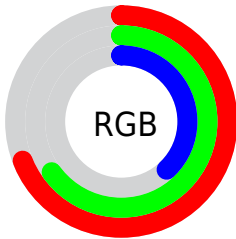
Format	Color
RYB	108, 176, 97
Decimal	11576929
CIELab	67.55, -6.25, 36.90
CIELCh	68, 37.424, 99.610
Yxy	37.3656, 0.3838, 0.4255
Android (android.graphics.Color)	4289767009 (0xFFB0A661)
YUV	161.1240, -31.6131, 13.0463
Hunter-Lab	61.1274, -8.5693, 26.5471

Details

The Android color **4289767009** is a light color, and the websafe version is hex **999966**. A complement of this color would be **4284574640**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4293516693**, and **4286214704** is the 20% darker color. If you saturate the color by 10%, you get **4289766479**, and if you desaturate by 10%, it is **4289767539**.

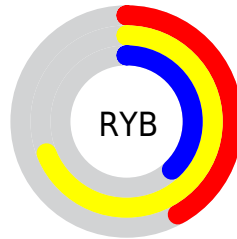
Distribution



Red (69%)

Green (65%)

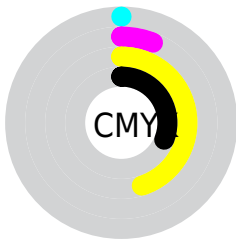
Blue (38%)



Red (42%)

Yellow (69%)

Blue (38%)

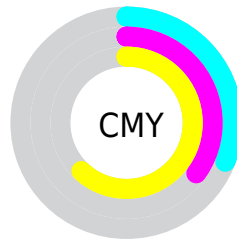


Cyan (0%)

Magenta (6%)

Yellow (45%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289767009 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 4289767009 by changing the saturation by 10% instead.



4289767009



4289767009

4294967295



4287990856



4293516693



4286214704



4294965680



4284504600



4294967244



4282860288



4294967272



4281281792



4279638272



4278190080



4289767009



4289767009



4289766479



4289767539

 4289765950

 4289768068

 4289765164

 4289768854

 4289764635

 4289769383

 4289764105

 4289769913

 4289763840

 4289770443

 4289771228

 4289771758

 4289772287

Harmonies

Analogous

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



4291730022



4289767009



4287344495

Triad

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



4289767009



4278302158



4292382141

Complementary

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



4289767009



4284574640

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.



4290156761



4289767009



4283018979

Square

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



4289767009



4281251759



4286948583



4293298843

Rectangle

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



4289767009



4285576065



4286948583



4291793095

Sweetspot

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



4289767009



4293321416



4289749356



4285755488



4294111986



4285756275

Same Dimension

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



4289767009



4293318250



4287869025



4284045392



4288251392



4279899648

Inverse Universe

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



4284574640



4285168102



4286472624



4283453785



4278195097



4278190874

Previews

White Background



This preview shows how the Android color 4289767009 looks on a white background.

Color Contrast Check

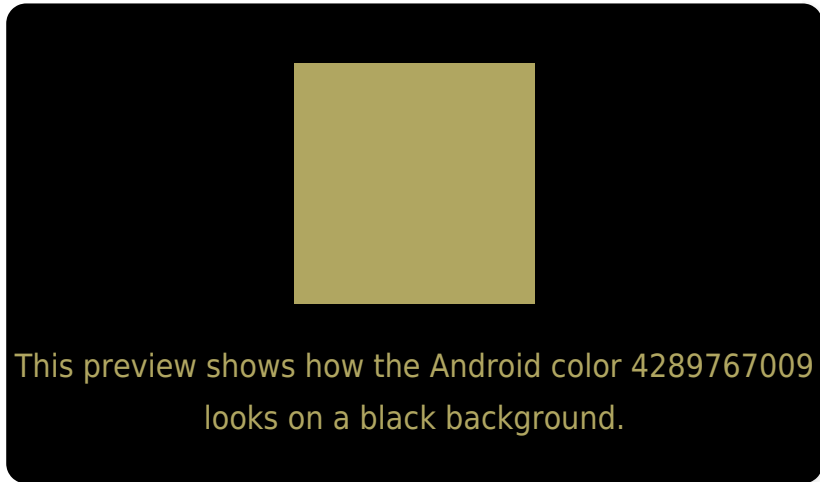
Large Text (above 18pt) WCAG AA × Fail

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 4289767009 Background



This preview shows how black text looks on a background with the Android color 4289767009.



This preview shows how white text looks on a background with the Android color 4289767009.

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
4289767009

Protanopia
4290028896

Deuteranopia
4291272035



Tritanopia
4290289066

Trichromacy



Original Color
4289767009

Protanomaly
4289963360

Deuteranomaly
4290748514

Tritanomaly
4290093199

Monochromacy



Original Color
4289767009

Achromatopsia
4288782753

Achromatomaly
4289110922

CSS Examples

Text

The CSS property to change the color of the text to Android 4289767009 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(176, 166, 97)` looks like.

```
.text, #text, p{  
    color:rgb(176, 166, 97)  
}
```

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(176, 166, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 166, 97) }
```

Border

The CSS property to change the border of an element to Android 4289767009 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(176, 166, 97) }
```

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

```
.border{ border-color:rgb(176, 166, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 166, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 166, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 166, 97);  
box-shadow:4px 4px 4px 4px rgb(176, 166,  
97) }
```

Background

The CSS property to change the background color of an element to Android 4289767009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 166, 97) }
```

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

```
.background{ background-color: rgb(176,  
166, 97) }
```

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