

# Converting Colors

Android(4291005045)

Have a look what the booklet for  
Android(4291005045) contains.

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# **Color**

**Android(4291005045)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C38A75
RGB	195, 138, 117
RGB Percent	76%, 54%, 46%
CMY	0.2353, 0.4588, 0.5412
CMYK	0.00, 0.29, 0.40, 0.24
HSL	16°, 39%, 61%
HSV	16°, 40%, 76%
XYZ	34.8050, 31.0634, 20.9910
YIQ	152.6490, 40.7130, 5.5530

# Conversions

## Conversions Part 2

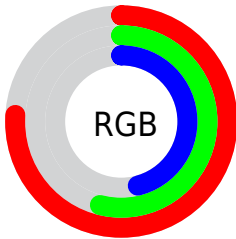
Format	Color
<a href="#">RYB</a>	<a href="#">195, 146, 117</a>
Decimal	<a href="#">12814965</a>
CIELab	<a href="#">62.56, 19.09, 19.91</a>
CIElCh	<a href="#">63, 27.586, 46.209</a>
Yxy	<a href="#">31.0634, 0.4007, 0.3576</a>
Android (android.graphics.Color)	<a href="#">4291005045 (0xFFC38A75)</a>
YUV	<a href="#">152.6490, -17.5750, 37.1418</a>
Hunter-Lab	<a href="#">55.7346, 13.9339, 16.6841</a>

# Details

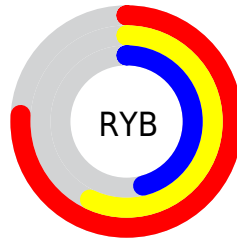
The Android color `4291005045` is a light color, and the websafe version is hex `CC9999`. A complement of this color would be `4285902531`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4294820009`, and `4287322181` is the 20% darker color. If you saturate the color by 10%, you get `4291001442`, and if you desaturate by 10%, it is `4291008648`.

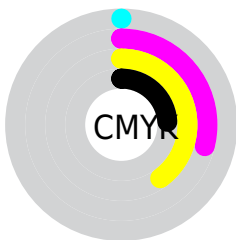
# Distribution



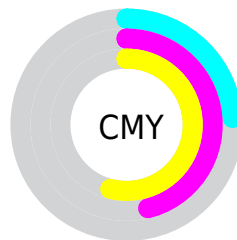
- Red (76%)
- Green (54%)
- Blue (46%)



- Red (76%)
- Yellow (57%)
- Blue (46%)



- Cyan (0%)
- Magenta (29%)
- Yellow (40%)
- Black (24%)



- Cyan (24%)
- Magenta (46%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291005045 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 4291005045 by changing the saturation by 10% instead.





4291005045



4291005045

4294967295



4289163356



4294820009



4287322181



4294958276



4285546542



4294965472



4283836697

4294967293



4282192896



4280680448



4278190080



4291005045



4291005045




4291001442



4291008648

 4290997838

 4291012252


 4290993979

 4291016112

 4290990375

 4291019715

 4290986771

 4291023319

 4290982912

 4291026922

 4291030782

 4291034367

 4291035135

# Harmonies

## Analogous

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



4291331467



4291005045



4289958504

# Triad

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



4291005045



4284720267



4287337926

# Complementary

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



4291005045



4285902531

# 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.



4284980678



4291005045



4283213220

# Square

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



4291005045



4286554229



4283212474



4289432761

# Rectangle

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



4291005045



4288911206



4283212474



4286552264

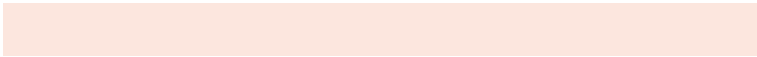


# Sweetspot

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



4291005045



4294764254



4290999726



4286607982



4278190080



4286611584



# Same Dimension

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



4291005045



4294747267



4291015029



4284570199



4288752384



4280355072



# Inverse Universe

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



4285902531



4286831868



4285892547



4283915873



4278220193



4278196257



# Previews

## White Background



This preview shows how the Android color 4291005045 looks on a white background.

## Color Contrast Check

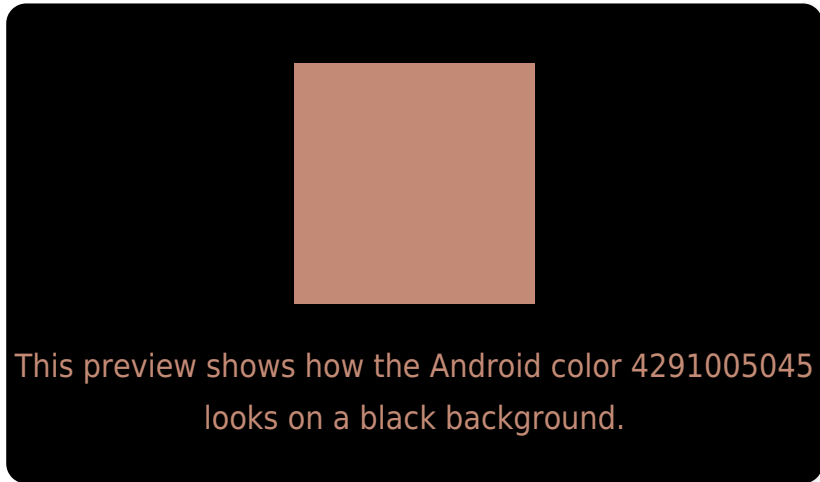
Large Text (above 18pt) WCAG AA × Fail

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 4291005045 Background



This preview shows how black text looks on a background with the Android color 4291005045.



This preview shows how white text looks on a background with the Android color 4291005045.

# 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**  
4291005045

**Protanopia**  
4288780155

**Deuteranopia**  
4289892724



# Trichromacy



**Original Color**  
4291005045

**Protanomaly**  
4289565305

**Deuteranomaly**  
4290285172

**Tritanomaly**  
4291135366

# Monochromacy



**Original Color**  
4291005045

**Achromatopsia**  
4288256409

**Achromatomaly**  
4289238156

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291005045 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(195, 138, 117)` looks like.

```
.text, #text, p{  
    color:rgb(195, 138, 117)  
}
```

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(195, 138, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 138, 117) }
```

## Border

The CSS property to change the border of an element to Android 4291005045 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(195, 138, 117) }
```

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

```
.border{ border-color:rgb(195, 138, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 138, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 138, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 138, 117); box-shadow:4px 4px 4px 4px rgb(195, 138, 117) }
```

# Background

The CSS property to change the background color of an element to Android 4291005045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 138, 117) }
```

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

```
.background{ background-color: rgb(195,  
138, 117) }
```

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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