

# Converting Colors

Android(4291403656)

Have a look what the booklet for  
Android(4291403656) contains.

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# **Color**

**Android(4291403656)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C99F88
RGB	201, 159, 136
RGB Percent	79%, 62%, 53%
CMY	0.2118, 0.3765, 0.4667
CMYK	0.00, 0.21, 0.32, 0.21
HSL	21°, 38%, 66%
HSV	21°, 32%, 79%
XYZ	40.9295, 38.9914, 28.6614
YIQ	168.9360, 32.4150, 1.7510

# Conversions

## Conversions Part 2

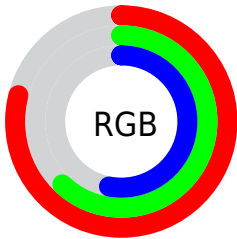
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	201, 172, 136
Decimal	13213576
CIE Lab	68.75, 12.29, 17.94
CIE LCh	69, 21.745, 55.570
Yxy	38.9914, 0.3769, 0.3591
Android (android.graphics.Color)	4291403656 (0xFFC99F88)
YUV	168.9360, -16.2374, 28.1201
Hunter-Lab	62.4431, 7.7258, 16.4960

# Details

The Android color `4291403656` is a light color, and the websafe version is hex `CC9999`. A complement of this color would be `4287148745`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4294956733`, and `4287786070` is the 20% darker color. If you saturate the color by 10%, you get `4291400308`, and if you desaturate by 10%, it is `4291407004`.

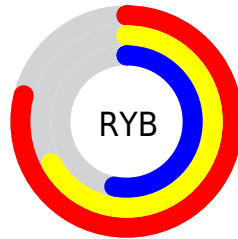
# Distribution



Red (79%)

Green (62%)

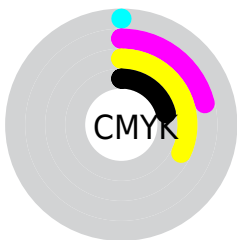
Blue (53%)



Red (79%)

Yellow (67%)

Blue (53%)

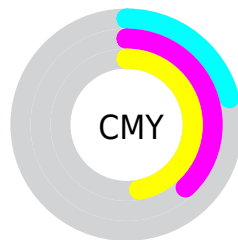


Cyan (0%)

Magenta (21%)

Yellow (32%)

Black (21%)



Cyan (21%)

Magenta (38%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291403656 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 4291403656 by changing the saturation by 10% instead.





4291403656



4291403656

4294967295



4289561967



4294956733



4287786070



4294963929



4286010175



4294967286



4284300329



4282656276



4281143552



4279304192



4278190080



4291403656



4291403656

 4291400308

 4291407004

 4291396960

 4291410352

 4291393612

 4291413700

 4291390264

 4291417048

 4291386916

 4291420397

 4291383567

 4291423743

 4291380992

 4291427071

 4291428351

# Harmonies

## Analogous

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



4291861400



4291403656



4290356609

# Triad

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



4291403656



4286231460



4289176779

# Complementary

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



4291403656



4287148745

# 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.



4287474382



4291403656



4285576120

# Square

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



4291403656



4287541393



4286034119



4290682302

# Rectangle

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



4291403656



4289505922



4286034119



4288587469

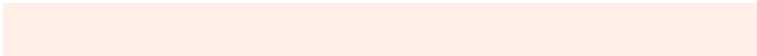


# Sweetspot

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



4291403656



4294963174



4291397810



4286609008



4278190080



4286611584



# Same Dimension

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



4291403656



4294950812



4291411848



4284702042



4288887296



4280552704

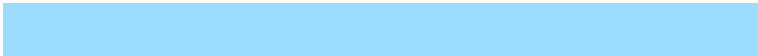


# Inverse Universe

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



4287148745



4288470271



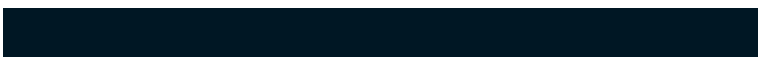
4287140553



4284112995



4278217123



4278196004



# Previews

## White Background



This preview shows how the Android color 4291403656 looks on a white background.

## Color Contrast Check

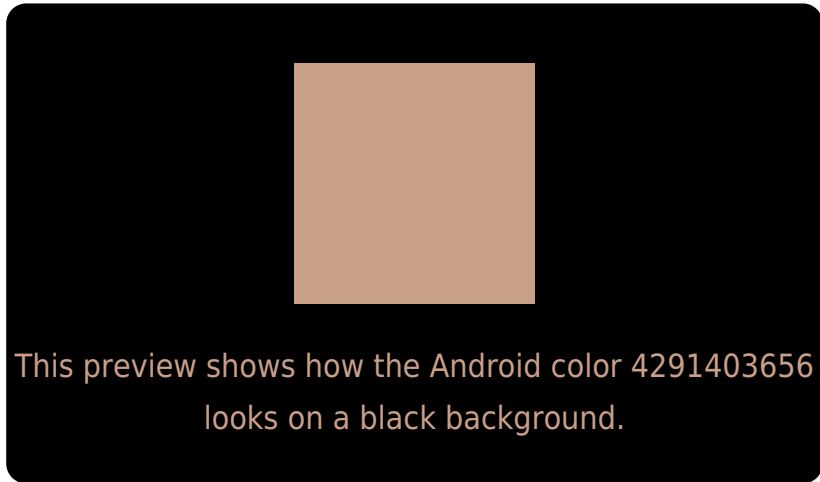
Large Text (above 18pt) WCAG AA × Fail

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

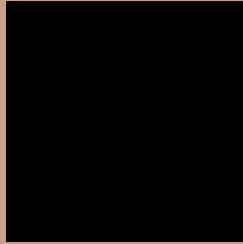
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291403656 Background



This preview shows how black text looks on a background with the Android color 4291403656.



This preview shows how white text looks on a background with the Android color 4291403656.

# 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**  
[4291403656](#)

**Protanopia**  
[4289833100](#)

**Deuteranopia**  
[4291010952](#)



**Tritanopia**  
4291599271

# Trichromacy



**Original Color**  
4291403656

**Protanomaly**  
4290422155

**Deuteranomaly**  
4291141768

**Tritanomaly**  
4291533980

# Monochromacy



**Original Color**  
4291403656

**Achromatopsia**  
4289309097

**Achromatomaly**  
4290094493

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291403656 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(201, 159, 136)` looks like.

```
.text, #text, p{  
    color:rgb(201, 159, 136)  
}
```

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(201, 159, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 159, 136) }
```

## Border

The CSS property to change the border of an element to Android 4291403656 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(201, 159, 136) }
```

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

```
.border{ border-color:rgb(201, 159, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 159, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 159, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 159, 136);  
box-shadow:4px 4px 4px 4px rgb(201, 159,  
136) }
```

# Background

The CSS property to change the background color of an element to Android 4291403656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 159, 136) }
```

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

```
.background{ background-color: rgb(201,  
159, 136) }
```

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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