

Converting Colors

Android(4291006581)

Have a look what the booklet for
Android(4291006581) contains.

Android(4291006581)	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(4291006581)

Conversions

Conversions Part 1

Format	Color
Hex	C39075
RGB	195, 144, 117
RGB Percent	76%, 56%, 46%
CMY	0.2353, 0.4353, 0.5412
CMYK	0.00, 0.26, 0.40, 0.24
HSL	21°, 39%, 61%
HSV	21°, 40%, 76%
XYZ	35.6898, 32.8330, 21.2860
YIQ	156.1710, 39.0630, 2.4150

Conversions

Conversions Part 2

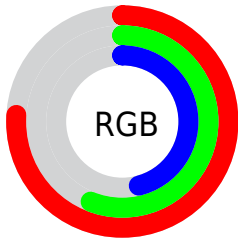
Format	Color
RYB	195, 158, 117
Decimal	12816501
CIELab	64.03, 15.78, 21.90
CIElCh	64, 26.995, 54.217
Yxy	32.8330, 0.3974, 0.3656
Android (android.graphics.Color)	4291006581 (0xFFC39075)
YUV	156.1710, -19.3113, 34.0530
Hunter-Lab	57.3001, 10.9051, 18.0849

Details

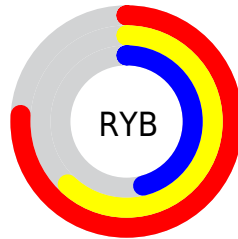
The Android color **4291006581** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **4285900995**, and the grayscale version is **4288453788**.

A 20% lighter version of the original color is **4294821545**, and **4287323460** is the 20% darker color. If you saturate the color by 10%, you get **4291003234**, and if you desaturate by 10%, it is **4291009928**.

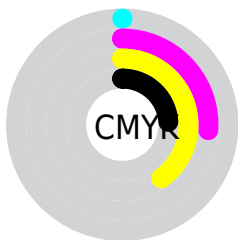
Distribution



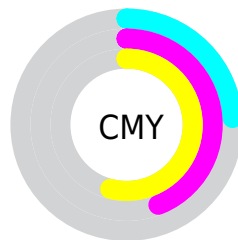
- Red (76%)
- Green (56%)
- Blue (46%)



- Red (76%)
- Yellow (62%)
- Blue (46%)



- Cyan (0%)
- Magenta (26%)
- Yellow (40%)
- Black (24%)



- Cyan (24%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291006581 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 4291006581 by changing the saturation by 10% instead.



4291006581



4291006581

4294967295



4289164892



4294821545



4287323460



4294959813



4285613614



4294967265



4283903769

4294967293



4282259968



4280680960



4278190080



4291006581



4291006581




4291003234



4291009928

 4291000142

 4291013276

 4290996795

 4291016368

 4290993447

 4291019715


 4290990099

 4291023063

 4290987008

 4291026154

 4291029502

 4291032831

 4291035135

Harmonies

Analogous

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



4291529353



4291006581



4289828971

Triad

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



4291006581



4284590229



4288190407

Complementary

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



4291006581



4285900995

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.



4285898699



4291006581



4283476142

Square

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



4291006581



4286358910



4283999681



4290154424

Rectangle

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



4291006581



4288781676



4283999681



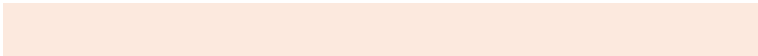
4287470026

Sweetspot

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



4291006581



4294765022



4290999721



4286608494



4278190080



4286611584

Same Dimension

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



4291006581



4294749571



4291016309



4284570455



4288755712



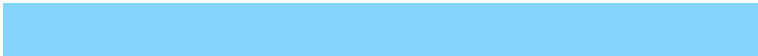
4280355584

Inverse Universe

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



4285900995



4286829564



4285891267



4283915873



4278217121



4278195745

Previews

White Background



This preview shows how the Android color 4291006581 looks on a white background.

Color Contrast Check

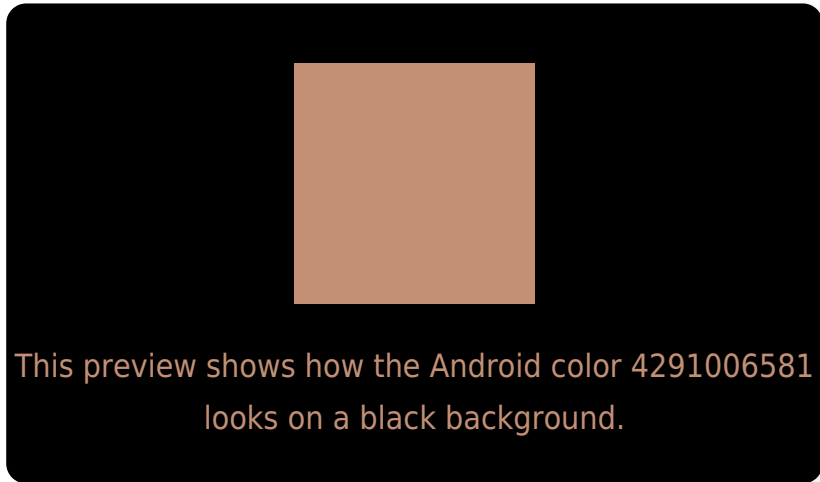
Large Text (above 18pt) WCAG AA × Fail

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

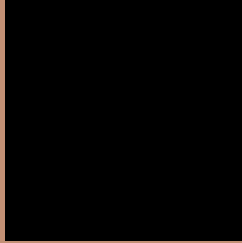
Any Text WCAG AA ✓ Pass

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 4291006581 Background



This preview shows how black text looks on a background with the Android color 4291006581.



This preview shows how white text looks on a background with the Android color 4291006581.

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



Trichromacy



Original Color
4291006581

Protanomaly
4289828728

Deuteranomaly
4290483060

Tritanomaly
4291136906

Monochromacy



Original Color
4291006581

Achromatopsia
4288453788

Achromatomaly
4289370254

CSS Examples

Text

The CSS property to change the color of the text to Android 4291006581 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, 144, 117)` looks like.

```
.text, #text, p{  
    color:rgb(195, 144, 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, 144, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 144, 117) }
```

Border

The CSS property to change the border of an element to Android 4291006581 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, 144, 117) }
```

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

```
.border{ border-color:rgb(195, 144, 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, 144, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 144, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 144, 117);  
box-shadow:4px 4px 4px 4px rgb(195, 144,  
117) }
```

Background

The CSS property to change the background color of an element to Android 4291006581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 144, 117) }
```

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

```
.background{ background-color: rgb(195,  
144, 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](#).

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