

Converting Colors

Android(4291469906)

Have a look what the booklet for
Android(4291469906) contains.

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Color

Android(4291469906)

Conversions

Conversions Part 1

Format	Color
Hex	CAA252
RGB	202, 162, 82
RGB Percent	79%, 64%, 32%
CMY	0.2078, 0.3647, 0.6784
CMYK	0.00, 0.20, 0.59, 0.21
HSL	40°, 53%, 56%
HSV	40°, 59%, 79%
XYZ	38.8004, 39.0064, 13.4666
YIQ	164.8400, 49.5200, -16.4000

Conversions

Conversions Part 2

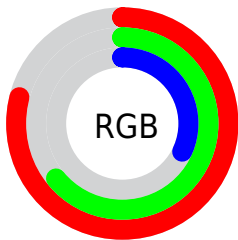
Format	Color
RYB	142, 202, 82
Decimal	13279826
CIELab	68.76, 5.58, 46.48
CIElCh	69, 46.818, 83.151
Yxy	39.0064, 0.4251, 0.4274
Android (android.graphics.Color)	4291469906 (0xFFCAA252)
YUV	164.8400, -40.8401, 32.5893
Hunter-Lab	62.4551, 1.5973, 30.9344

Details

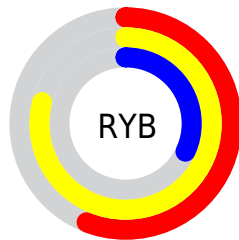
The Android color `4291469906` is a light color, and the websafe version is hex `CC9933`. The color can be described as light muted orange. A complement of this color would be `4283595466`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4294957446`, and `4287721248` is the 20% darker color. If you saturate the color by 10%, you get `4291468094`, and if you desaturate by 10%, it is `4291471718`.

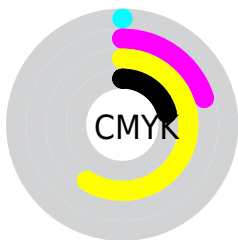
Distribution



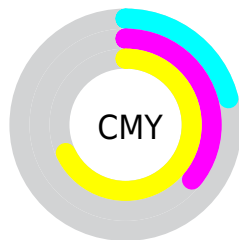
- Red (79%)
- Green (64%)
- Blue (32%)



- Red (56%)
- Yellow (79%)
- Blue (32%)



- Cyan (0%)
- Magenta (20%)
- Yellow (59%)
- Black (21%)



- Cyan (21%)
- Magenta (36%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291469906 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 4291469906 by changing the saturation by 10% instead.



4291469906



4291469906

4294967295



4289562681



4294957446



4287721248



4294964641



4285879809



4294967228



4284104448



4294967256



4282395136



4294967285



4280751616



4278255616



4278190080



4291469906



4291469906

■ 4291468094

■ 4291471718

■ 4291466538

■ 4291473274

■ 4291464725

■ 4291475087

■ 4291462913

■ 4291476899

■ 4291462912

■ 4291478711

■ 4291480267

■ 4291482079

■ 4291483892

■ 4291485695

Harmonies

Analogous

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



4293497701



4291469906



4288786263

Triad

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



4291469906



4278238664



4292055259

Complementary

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



4291469906



4283595466

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.



4288454902



4291469906



4278237675

Square

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



4291469906



4280008092



4282888187



4294084275

Rectangle

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



4291469906



4286625384



4282888187



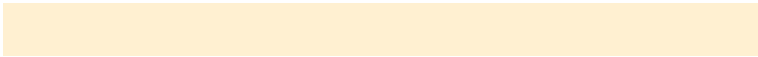
4291007974

Sweetspot

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



4291469906



4294963409



4291449466



4286608995



4278190080



4286611584

Same Dimension

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



4291469906



4294951754



4290169426



4284900188



4289097472



4280686848

Inverse Universe

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



4283595466



4283074303



4284895946



4284243814



4278204326



4278193446

Previews

White Background



This preview shows how the Android color 4291469906 looks on a white background.

Color Contrast Check

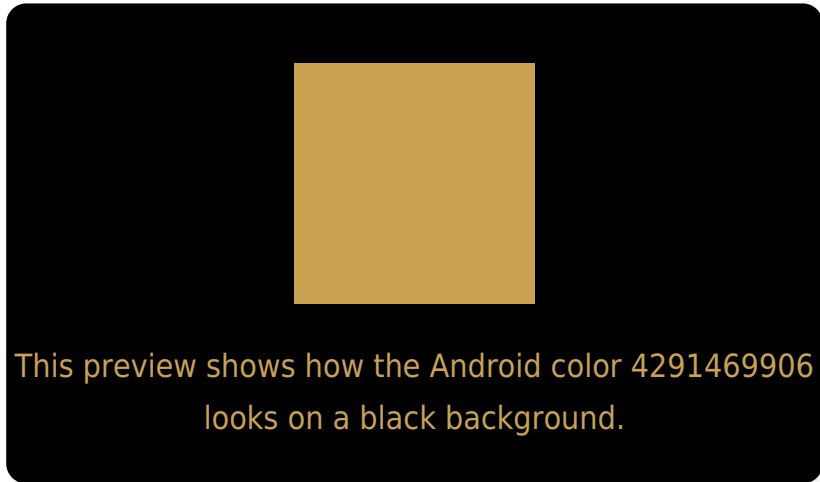
Large Text (above 18pt) WCAG AA × Fail

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 4291469906 Background



This preview shows how black text looks on a background with the Android color 4291469906.




This preview shows how white text looks on a background with the Android color 4291469906.

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 4291469906
	Protanopia 4290422868
	Deuteranopia 4291797075



Tritanopia
4291926437

Trichromacy



Original Color
4291469906

Protanomaly
4290815571

Deuteranomaly
4291666259

Tritanomaly
4291730567

Monochromacy



Original Color
4291469906

Achromatopsia
4289045925

Achromatomaly
4289897607

CSS Examples

Text

The CSS property to change the color of the text to Android 4291469906 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(202, 162, 82)` looks like.

```
.text, #text, p{  
    color:rgb(202, 162, 82)  
}
```

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(202, 162, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 162, 82) }
```

Border

The CSS property to change the border of an element to Android 4291469906 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(202, 162, 82) }
```

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

```
.border{ border-color:rgb(202, 162, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 162, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 162, 82); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 162, 82); box-shadow:4px 4px 4px 4px rgb(202, 162, 82) }
```

Background

The CSS property to change the background color of an element to Android 4291469906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 162, 82) }
```

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

```
.background{ background-color: rgb(202,  
162, 82) }
```

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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