

# Converting Colors

Android(4291609766)

Have a look what the booklet for  
Android(4291609766) contains.

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# **Color**

**Android(4291609766)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCC4A6
RGB	204, 196, 166
RGB Percent	80%, 77%, 65%
CMY	0.2000, 0.2314, 0.3490
CMYK	0.00, 0.04, 0.19, 0.20
HSL	47°, 27%, 73%
HSV	47°, 19%, 80%
XYZ	51.5247, 55.0704, 43.9904
YIQ	194.9720, 14.3980, -7.6340

# Conversions

## Conversions Part 2

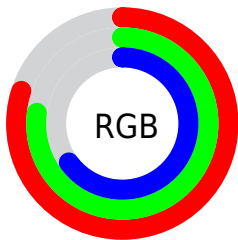
Format	Color
<a href="#">RYB</a>	<a href="#">176, 204, 166</a>
Decimal	<a href="#">13419686</a>
CIELab	<a href="#">79.08, -2.15, 16.08</a>
CIELCh	<a href="#">79, 16.224, 97.602</a>
Yxy	<a href="#">55.0704, 0.3422, 0.3657</a>
Android (android.graphics.Color)	<a href="#">4291609766</a> ( <a href="#">0xFFCCC4A6</a> )
YUV	<a href="#">194.9720, -14.2832, 7.9176</a>
Hunter-Lab	<a href="#">74.2094, -5.9313, 16.8003</a>

# Details

The Android color `4291609766` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4289113804`, and the grayscale version is `4291019715`.

A 20% lighter version of the original color is `4294966749`, and `4288056946` is the 20% darker color. If you saturate the color by 10%, you get `4291608722`, and if you desaturate by 10%, it is `4291610810`.

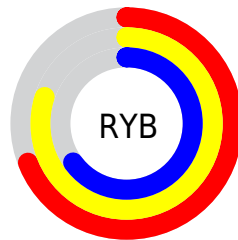
# Distribution



Red (80%)

Green (77%)

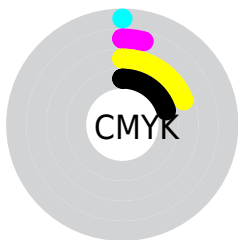
Blue (65%)



Red (69%)

Yellow (80%)

Blue (65%)

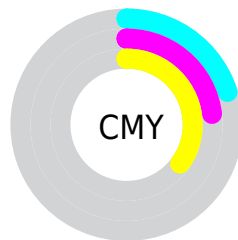


Cyan (0%)

Magenta (4%)

Yellow (19%)

Black (20%)



Cyan (20%)

Magenta (23%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291609766 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 4291609766 by changing the saturation by 10% instead.





4291609766



4291609766

4294967295



4289767820



4294966749



4288056946



4294967290



4286346585



4284636226



4283057452



4281544471



4280228352



4278190080




4291609766



4291609766

 4291608722

 4291610810

 4291607421

 4291612111

 4291606377


 4291613155

 4291605332

 4291614200

 4291604288


 4291615231

 4291602988


 4291616511

 4291601943

 4291617535

 4291600899

 4291618559

 4291600640

 4291619839

# Harmonies

## Analogous

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



4292525992



4291609766



4290496940

# Triad

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



4291609766



4288531670



4292590544

# Complementary

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



4291609766



4289113804

# 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.



4291608540



4291609766



4289186271

# Square

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



4291609766



4288662983



4290299105



4293114304

# Rectangle

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



4291609766



4289711027



4290299105



4292328660



# Sweetspot

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



4291609766



4294966512



4291602094



4286611063



4278190080



4286611584



# Same Dimension

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



4291609766



4294964167



4290890918



4284900444



4289102592



4280688128



# Inverse Universe

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



4289113804



4291286015



4289832652



4284243558



4278199206



4278192166



# Previews

## White Background



This preview shows how the Android color 4291609766 looks on a white background.

## Color Contrast Check

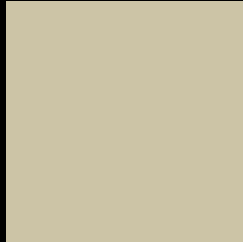
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4291609766 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

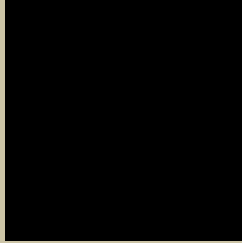
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

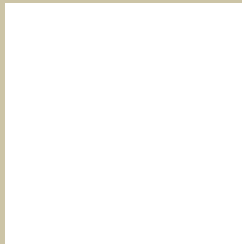
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291609766 Background



This preview shows how black text looks on a background with the Android color 4291609766.



This preview shows how white text looks on a background with the Android color 4291609766.

# 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**  
4291609766

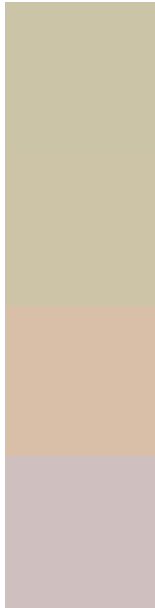
**Protanopia**  
4291740582

**Deuteranopia**  
4292983976



**Tritanopia**  
4291935949

# Trichromacy



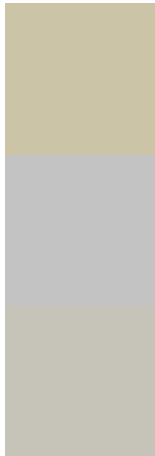
**Original Color**  
4291609766

**Protanomaly**  
4291675046

**Deuteranomaly**  
4292460455

**Tritanomaly**  
4291805375

# Monochromacy



**Original Color**  
4291609766

**Achromatopsia**  
4291019715

**Achromatomaly**  
4291216312

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291609766 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(204, 196, 166)` looks like.

```
.text, #text, p{  
    color:rgb(204, 196, 166)  
}
```

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(204, 196, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 196, 166) }
```

## Border

The CSS property to change the border of an element to Android 4291609766 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(204, 196, 166) }
```

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

```
.border{ border-color:rgb(204, 196, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 196, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 196, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 196, 166);  
box-shadow:4px 4px 4px 4px rgb(204, 196,  
166) }
```

# Background

The CSS property to change the background color of an element to Android 4291609766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 196, 166) }
```

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

```
.background{ background-color: rgb(204,  
196, 166) }
```

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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