

# Converting Colors

Android(4291676006)

Have a look what the booklet for  
Android(4291676006) contains.

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# **Color**

**Android(4291676006)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDC766
RGB	205, 199, 102
RGB Percent	80%, 78%, 40%
CMY	0.1961, 0.2196, 0.6000
CMYK	0.00, 0.03, 0.50, 0.20
HSL	57°, 51%, 60%
HSV	57°, 50%, 80%
XYZ	47.9985, 54.7853, 20.6152
YIQ	189.7360, 34.7130, -28.8950

# Conversions

## Conversions Part 2

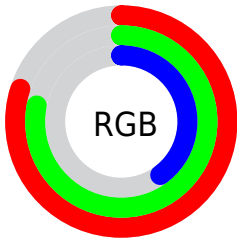
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 205, 102
Decimal	13485926
CIELab	78.92, -10.96, 48.81
CIELCh	79, 50.023, 102.655
Yxy	54.7853, 0.3890, 0.4440
Android (android.graphics.Color)	4291676006 (0xFFC7DC766)
YUV	189.7360, -43.2538, 13.3865
Hunter-Lab	74.0171, -13.7764, 35.2985

# Details

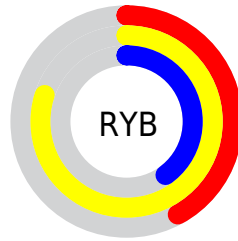
The Android color `4291676006` is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be `4284902605`, and the grayscale version is `4290690750`.

A 20% lighter version of the original color is `4294967195`, and `4287992115` is the 20% darker color. If you saturate the color by 10%, you get `4291675730`, and if you desaturate by 10%, it is `4291676283`.

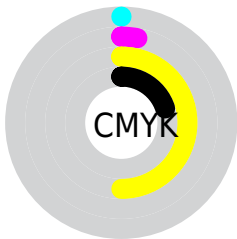
# Distribution



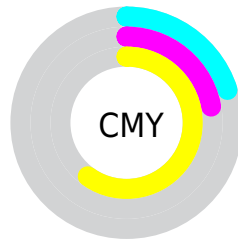
- Red (80%)
- Green (78%)
- Blue (40%)



- Red (42%)
- Yellow (80%)
- Blue (40%)



- Cyan (0%)
- Magenta (3%)
- Yellow (50%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291676006 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 4291676006 by changing the saturation by 10% instead.





4291676006



4291676006

4294967295



4289768524



4294967195



4287992115



4294967223



4286150679



4294967251



4284440320



4294967280



4282796032



4281086208



4279442688



4278190080



4291676006



4291676006

4291675730

4291676283

4291675453

4291676559

4291674920

4291677092

4291674644

4291677368

4291674368

4291677645

4291677921

4291678198

4291678719

4291678975

# Harmonies

## Analogous

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



4294424426



4291676006



4288336765

# Triad

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



4291676006



4278245887



4294943200

# Complementary

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



4291676006



4284902605

# 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.



4292980991



4291676006



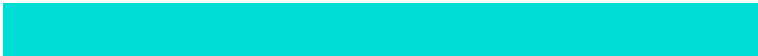
4281192703

# Square

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



4291676006



4278246614



4288463359



4294942385

# Rectangle

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



4291676006



4285651095



4288463359



4294944239

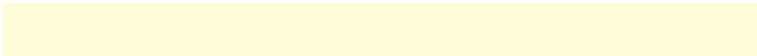


# Sweetspot

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



4291676006



4294966745



4291651181



4286611049



4278190080



4286611584



# Same Dimension

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



4291676006



4294964838



4288728422



4284900700



4289108992



4280689664



# Inverse Universe

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



4284902605



4284903423



4287850189



4284243046



4278192806

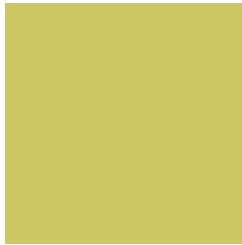


4278190630



# Previews

## White Background



This preview shows how the Android color 4291676006 looks on a white background.

## Color Contrast Check

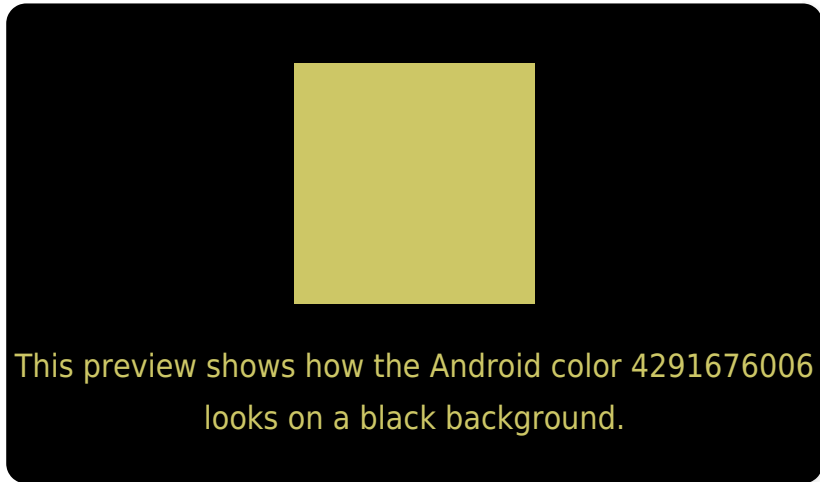
Large Text (above 18pt) WCAG AA × Fail

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 4291676006 Background



This preview shows how black text looks on a background with the Android color 4291676006.



This preview shows how white text looks on a background with the Android color 4291676006.

# 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**  
4291676006

**Protanopia**  
4292395877

**Deuteranopia**  
4293900905



**Tritanopia**  
4292328650

# Trichromacy



**Original Color**  
4291676006

**Protanomaly**  
4292133989

**Deuteranomaly**  
4293115752

**Tritanomaly**  
4292067494

# Monochromacy



**Original Color**  
4291676006

**Achromatopsia**  
4290690750

**Achromatomaly**  
4291019166

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291676006 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(205, 199, 102)` looks like.

```
.text, #text, p{  
    color:rgb(205, 199, 102)  
}
```

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(205, 199, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 199, 102) }
```

## Border

The CSS property to change the border of an element to Android 4291676006 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(205, 199, 102) }
```

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

```
.border{ border-color:rgb(205, 199, 102) }
```

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

Here you see how a box with a 4 pixel rgb(205, 199, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 199, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 199, 102);  
box-shadow:4px 4px 4px 4px rgb(205, 199,  
102) }
```

# Background

The CSS property to change the background color of an element to Android 4291676006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 199, 102) }
```

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

```
.background{ background-color: rgb(205,  
199, 102) }
```

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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