

# Converting Colors

Android(4292012186)

Have a look what the booklet for  
Android(4292012186) contains.

<b>Android(4292012186)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4292012186)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2E89A
RGB	210, 232, 154
RGB Percent	82%, 91%, 60%
CMY	0.1765, 0.0902, 0.3961
CMYK	0.09, 0.00, 0.34, 0.09
HSL	77°, 63%, 76%
HSV	77°, 34%, 91%
XYZ	61.2677, 73.7480, 41.5775
YIQ	216.5300, 11.9260, -28.9220

# Conversions

## Conversions Part 2

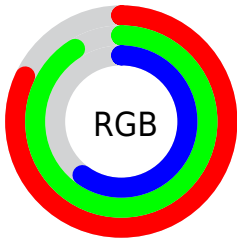
Format	Color
<a href="#">RYB</a>	<a href="#">154, 232, 176</a>
Decimal	<a href="#">13822106</a>
CIELab	<a href="#">88.80, -19.82, 35.60</a>
CIElCh	<a href="#">89, 40.743, 119.109</a>
Yxy	<a href="#">73.7480, 0.3469, 0.4176</a>
Android (android.graphics.Color)	<a href="#">4292012186 (0xFFD2E89A)</a>
YUV	<a href="#">216.5300, -30.8273, -5.7268</a>
Hunter-Lab	<a href="#">85.8766, -22.9353, 31.4082</a>

# Details

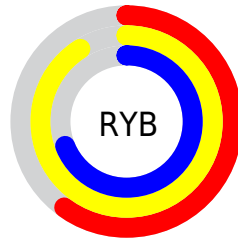
The Android color `4292012186` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4289764072`, and the grayscale version is `4292467161`.

A 20% lighter version of the original color is `4294967249`, and `4288393318` is the 20% darker color. If you saturate the color by 10%, you get `4291553411`, and if you desaturate by 10%, it is `4292470961`.

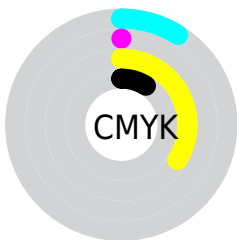
# Distribution



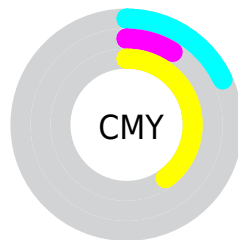
- Red (82%)
- Green (91%)
- Blue (60%)



- Red (60%)
- Yellow (91%)
- Blue (69%)



- Cyan (9%)
- Magenta (0%)
- Yellow (34%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292012186 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 4292012186 by changing the saturation by 10% instead.



 4292012186

 4292012186

4294967295

 4290169984

 4294967249

 4288393318

 4294967278

 4286617165

 4284906549

 4283261725

 4281617155


 4280169472

 4278198016


 4278190080

 4292012186

 4292012186

 4291553411

 4292470961

 4291160172

 4292864200

 4290701396

 4293322976

 4290308157

 4293716215

 4289849382

 4294174975

 4289456143

 4294568191

 4289193984

 4294961407

# Harmonies

## Analogous

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



4294696081



4292012186



4288999606

# Triad

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



4292012186



4285459967



4294951650

# Complementary

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



4292012186



4289764072

# Split Complementary

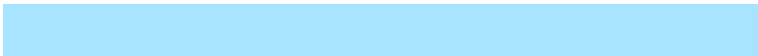
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294953215



4292012186



4289258495

# Square

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



4292012186



4283954175



4293055999



4294952123

# Rectangle

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



4292012186



4286968783



4293055999



4294951919

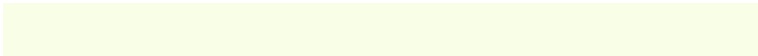


# Sweetspot

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



4292012186



4294508518



4293439386



4286283888



4278190080



4286611584

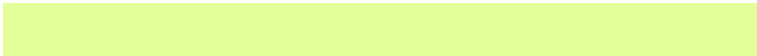


# Same Dimension

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



4292012186



4293066649



4289521818



4285559655



4286624512



4280627968



# Inverse Universe

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



4289764072



4290157055



4292254440



4285228915



4281467059

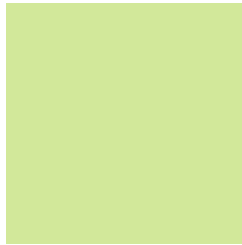


4279107635



# Previews

## White Background



This preview shows how the Android color 4292012186 looks on a white background.

## Color Contrast Check

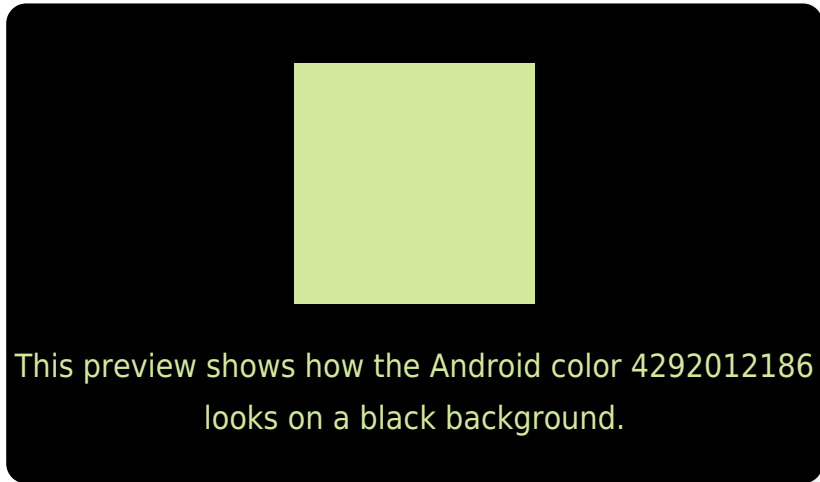
Large Text (above 18pt) WCAG AA × Fail

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 4292012186 Background



This preview shows how black text looks on a background with the Android color 4292012186.



This preview shows how white text looks on a background with the Android color 4292012186.

# 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](#).

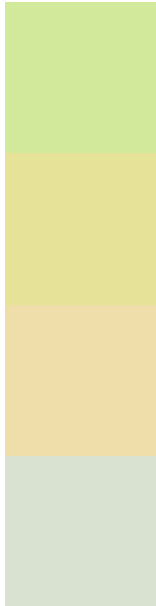
## Dichromacy





**Tritanopia**  
4292730351

# Trichromacy



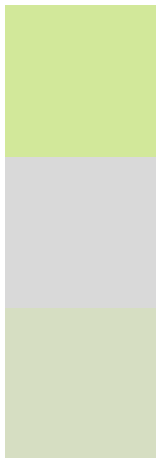
**Original Color**  
4292012186

**Protanomaly**  
4293321367

**Deuteranomaly**  
4293910185

**Tritanomaly**  
4292469200

# Monochromacy



**Original Color**  
4292012186

**Achromatopsia**  
4292467161

**Achromatomaly**  
4292271810

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292012186 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(210, 232, 154)` looks like.

```
.text, #text, p{  
    color:rgb(210, 232, 154)  
}
```

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(210, 232, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 232, 154) }
```

## Border

The CSS property to change the border of an element to Android 4292012186 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(210, 232, 154) }
```

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

```
.border{ border-color:rgb(210, 232, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 232, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 232, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 232, 154);  
box-shadow:4px 4px 4px 4px rgb(210, 232,  
154) }
```

# Background

The CSS property to change the background color of an element to Android 4292012186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 232, 154) }
```

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

```
.background{ background-color: rgb(210,  
232, 154) }
```

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