

# Converting Colors

Android(4292736914)

Have a look what the booklet for  
Android(4292736914) contains.

<b>Android(4292736914)</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(4292736914)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDF792
RGB	221, 247, 146
RGB Percent	87%, 97%, 57%
CMY	0.1333, 0.0314, 0.4275
CMYK	0.11, 0.00, 0.41, 0.03
HSL	75°, 86%, 77%
HSV	75°, 41%, 97%
XYZ	68.2679, 83.9690, 39.8037
YIQ	227.7120, 16.9250, -36.9230

# Conversions

## Conversions Part 2

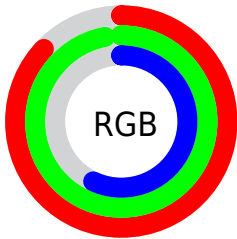
Format	Color
<a href="#">RYB</a>	<a href="#">146, 247, 172</a>
Decimal	<a href="#">14546834</a>
CIELab	<a href="#">93.44, -23.93, 45.68</a>
CIELCh	<a href="#">93, 51.570, 117.652</a>
Yxy	<a href="#">83.9690, 0.3555, 0.4372</a>
Android (android.graphics.Color)	<a href="#">4292736914 (0xFFDDDF792)</a>
YUV	<a href="#">227.7120, -40.2840, -5.8864</a>
Hunter-Lab	<a href="#">91.6346, -27.3779, 38.3902</a>

# Details

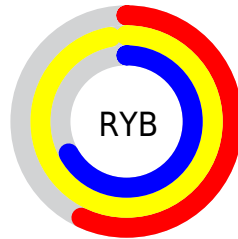
The Android color **4292736914** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **4289499895**, and the grayscale version is **4293190884**.

A 20% lighter version of the original color is **4294967241**, and **4288986973** is the 20% darker color. If you saturate the color by 10%, you get **4292343673**, and if you desaturate by 10%, it is **4293130155**.

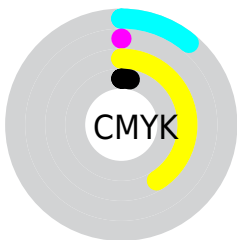
# Distribution



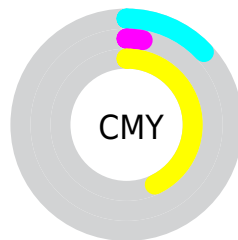
- Red (87%)
- Green (97%)
- Blue (57%)



- Red (57%)
- Yellow (97%)
- Blue (67%)



- Cyan (11%)
- Magenta (0%)
- Yellow (41%)
- Black (3%)



- Cyan (13%)
- Magenta (3%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292736914 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 4292736914 by changing the saturation by 10% instead.



 4292736914

 4292736914

4294967295

 4290828919

 4294967241

 4288986973

 4294967270

 4287210308

 4285434154

 4283723790

 4282078976

 4280434688

 4278593792

 4278195200

 4292736914

 4292736914

 4292343673

 4293130155

 4291884897

 4293588931

 4291491656

 4293982172

 4291098415

 4294375413

 4290639639

 4294834175

 4290246400

 4294965247

# Harmonies

## Analogous

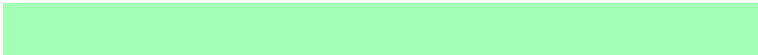
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294961288



4292736914



4288872373

# Triad

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



4292736914



4280614911



4294952434

# Complementary

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



4292736914



4289499895

# 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.



4294955007



4292736914



4288279295

# Square

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



4292736914



4278255615



4293714431



4294953153

# Rectangle

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



4292736914



4285792213



4293714431



4294952959

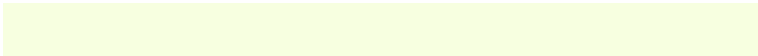


# Sweetspot

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



4292736914



4294442976



4294421394



4286283886



4278190080



4286611584



# Same Dimension

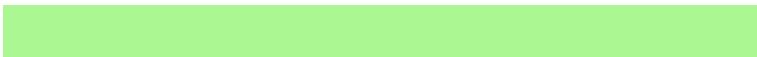
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4292736914



4292870018



4289460114



4286020206



4287281664



4281088768



# Inverse Universe

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



4289499895



4288840447



4292776695



4285623930



4281335994

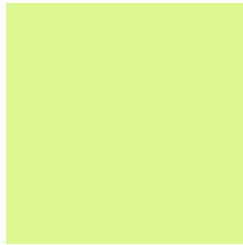


4279173179



# Previews

## White Background



This preview shows how the Android color 4292736914 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 4292736914 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 4292736914 Background



This preview shows how black text looks on a background with the Android color 4292736914.




This preview shows how white text looks on a background with the Android color 4292736914.

# 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



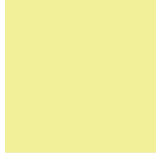


**Tritanopia**  
4293651197

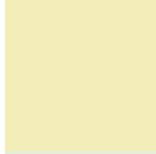
# Trichromacy



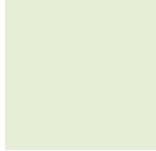
**Original Color**  
4292736914



**Protanomaly**  
4294176922



**Deuteranomaly**  
4294176186

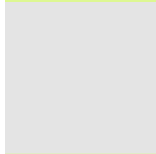


**Tritanomaly**  
4293324758

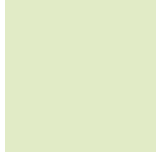
# Monochromacy



**Original Color**  
4292736914



**Achromatopsia**  
4293190884



**Achromatomaly**  
4292996038

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292736914 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(221, 247, 146)` looks like.

```
.text, #text, p{  
    color:rgb(221, 247, 146)  
}
```

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(221, 247, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 247, 146) }
```

## Border

The CSS property to change the border of an element to Android 4292736914 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(221, 247, 146) }
```

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

```
.border{ border-color:rgb(221, 247, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 247, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 247, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 247, 146);  
box-shadow:4px 4px 4px 4px rgb(221, 247,  
146) }
```

# Background

The CSS property to change the background color of an element to Android 4292736914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 247, 146) }
```

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

```
.background{ background-color: rgb(221,  
247, 146) }
```

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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