

# Converting Colors

Android(4292868676)

Have a look what the booklet for  
Android(4292868676) contains.

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# **Color**

**Android(4292868676)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFFA44
RGB	223, 250, 68
RGB Percent	87%, 98%, 27%
CMY	0.1255, 0.0196, 0.7333
CMYK	0.11, 0.00, 0.73, 0.02
HSL	69°, 95%, 62%
HSV	69°, 73%, 98%
XYZ	65.6604, 84.4765, 18.3138
YIQ	221.1790, 42.3300, -62.3260

# Conversions

## Conversions Part 2

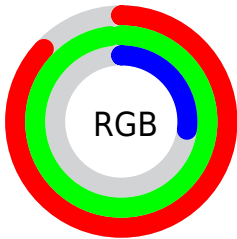
Format	Color
RYB	68, 250, 95
Decimal	14678596
CIELab	93.66, -30.66, 78.66
CIELCh	94, 84.427, 111.292
Yxy	84.4765, 0.3898, 0.5015
Android (android.graphics.Color)	4292868676 (0xFFDFFFA44)
YUV	221.1790, -75.5172, 1.5970
Hunter-Lab	91.9111, -33.3258, 52.5239

# Details

The Android color **4292868676** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **4284433658**, and the grayscale version is **4292796126**.

A 20% lighter version of the original color is **4294967168**, and **4288987648** is the 20% darker color. If you saturate the color by 10%, you get **4292606507**, and if you desaturate by 10%, it is **4293130845**.

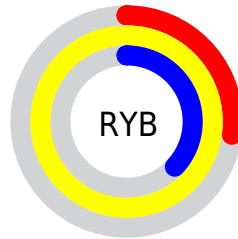
# Distribution



Red (87%)

Green (98%)

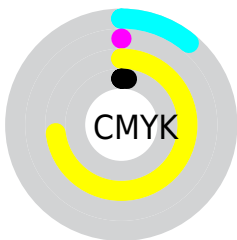
Blue (27%)



Red (27%)

Yellow (98%)

Blue (37%)

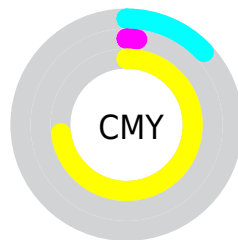


Cyan (11%)

Magenta (0%)

Yellow (73%)

Black (2%)



Cyan (13%)

Magenta (2%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292868676 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 4292868676 by changing the saturation by 10% instead.





4292868676



4292868676

4294967295



4290895135



4294967168



4288987648



4294967197



4287079936



4294967226



4285172736



4294967255



4283331072



4294967285



4281489920



4279452160



4278201344



4278195456

■ 4292868676

■ 4292868676

■ 4292606507

■ 4293130845

■ 4292409874

■ 4293327478

■ 4292213248

■ 4293589647

■ 4293851816

■ 4294113985

■ 4294310618

■ 4294572787

■ 4294834943

■ 4294966015

# Harmonies

## Analogous

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



4294959164



4292868676



4286119809

# Triad

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



4292868676



4278255615



4294943743

# Complementary

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



4292868676



4284433658

# 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.



4294950655



4292868676



4278255103

# Square

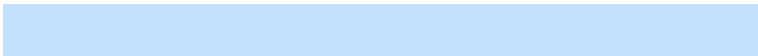
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4292868676



4278255615



4290961919



4294943926

# Rectangle

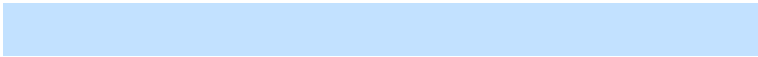
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292868676



4278255541



4290961919



4294945279

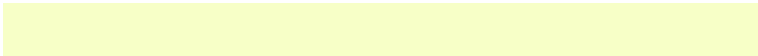


# Sweetspot

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



4292868676



4294442951



4294597700



4286283870



4278190080



4286611584



# Same Dimension

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



4292868676



4292804385



4287101508



4286283120



4288789760



4281613568



# Inverse Universe

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



4284433658



4282524159



4290200826



4285689981



4280025277



4278779965



# Previews

## White Background



This preview shows how the Android color 4292868676 looks on a white background.

## Color Contrast Check

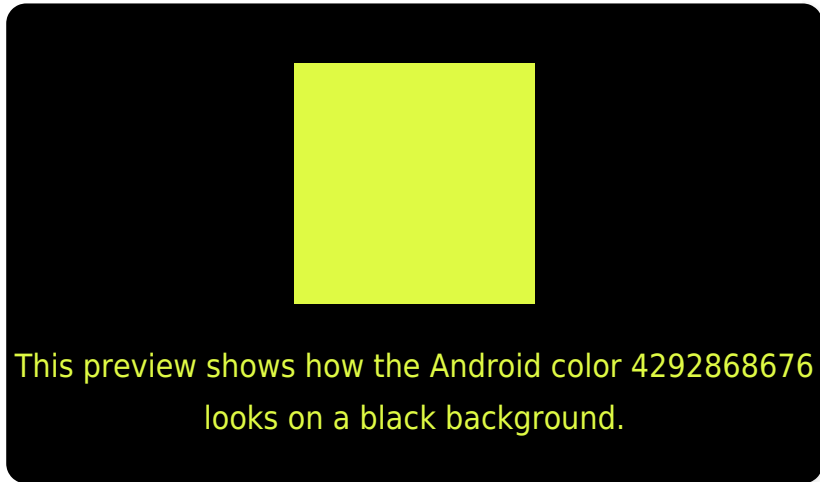
Large Text (above 18pt) WCAG AA × Fail

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 4292868676 Background



This preview shows how black text looks on a background with the Android color 4292868676.

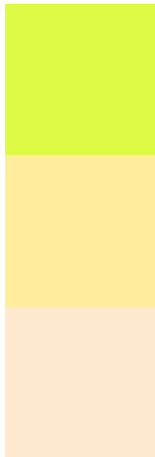


This preview shows how white text looks on a background with the Android color 4292868676.

# 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**  
4292868676

**Protanopia**  
4294962589

**Deuteranopia**  
4294961614

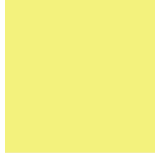


**Tritanopia**  
4294044156

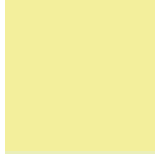
# Trichromacy



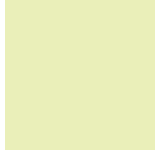
**Original Color**  
4292868676



**Protanomaly**  
4294177405



**Deuteranomaly**  
4294176668

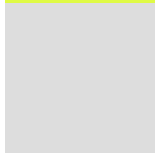


**Tritanomaly**  
4293586873

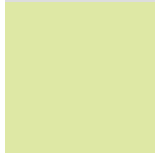
# Monochromacy



**Original Color**  
4292868676



**Achromatopsia**  
4292730333



**Achromatomaly**  
4292798629

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292868676 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(223, 250, 68)` looks like.

```
.text, #text, p{  
    color:rgb(223, 250, 68)  
}
```

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(223, 250, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 250, 68) }
```

## Border

The CSS property to change the border of an element to Android 4292868676 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(223, 250, 68) }
```

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

```
.border{ border-color:rgb(223, 250, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 250, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 250, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 250, 68);  
box-shadow:4px 4px 4px 4px rgb(223, 250,  
68) }
```

# Background

The CSS property to change the background color of an element to Android 4292868676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 250, 68) }
```

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

```
.background{ background-color: rgb(223,  
250, 68) }
```

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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