

# Converting Colors

Android(4293261115)

Have a look what the booklet for  
Android(4293261115) contains.

<b>Android(4293261115)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4293261115)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5F73B
RGB	229, 247, 59
RGB Percent	90%, 97%, 23%
CMY	0.1020, 0.0314, 0.7686
CMYK	0.07, 0.00, 0.76, 0.03
HSL	66°, 92%, 60%
HSV	66°, 76%, 97%
XYZ	66.3633, 83.4953, 16.7562
YIQ	220.1860, 49.6200, -62.2840

# Conversions

## Conversions Part 2

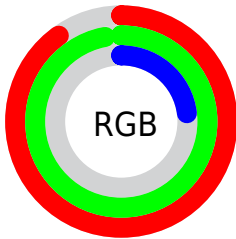
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 247, 77
Decimal	15071035
CIELab	93.23, -27.25, 81.15
CIELCh	93, 85.604, 108.560
Yxy	83.4953, 0.3983, 0.5011
Android (android.graphics.Color)	4293261115 (0xFFE5F73B)
YUV	220.1860, -79.4647, 7.7299
Hunter-Lab	91.3758, -30.2688, 53.0906

# Details

The Android color `4293261115` is a light color, and the websafe version is hex `FFFF33`. The color can be described as light washed yellow. A complement of this color would be `4283251703`, and the grayscale version is `4292730333`.

A 20% lighter version of the original color is `4294967161`, and `4289314560` is the 20% darker color. If you saturate the color by 10%, you get `4293130018`, and if you desaturate by 10%, it is `4293392212`.

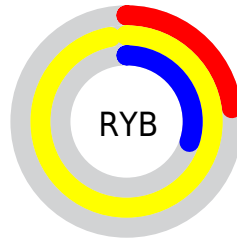
# Distribution



Red (90%)

Green (97%)

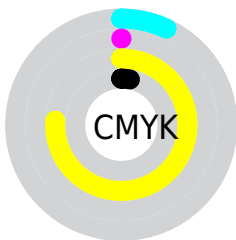
Blue (23%)



Red (23%)

Yellow (97%)

Blue (30%)

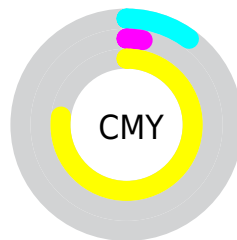


Cyan (7%)

Magenta (0%)

Yellow (76%)

Black (3%)



Cyan (10%)

Magenta (3%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293261115 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 4293261115 by changing the saturation by 10% instead.





4293261115



4293261115

4294967295



4291287821



4294967161



4289314560



4294967190



4287407104



4294967219



4285565440



4294967248



4283723776



4294967278



4281817088



4279975936



4278200832



4278194944

■ 4293261115

■ 4293261115

■ 4293130018

■ 4293392212

■ 4292933386

■ 4293588844

■ 4292867840

■ 4293719941

■ 4293851038

■ 4294047670

■ 4294178767

■ 4294375400

■ 4294506495

■ 4294637567

# Harmonies

## Analogous

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



4294958138



4293261115



4286709624

# Triad

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



4293261115



4278255615



4294943231

# Complementary

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



4293261115



4283251703

# 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.



4294950911



4293261115



4278255359

# Square

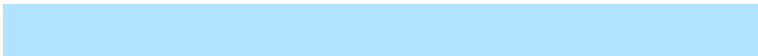
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4293261115



4278255615



4289782783



4294942908

# Rectangle

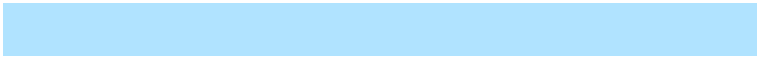
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293261115



4278255532



4289782783



4294945279



# Sweetspot

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



4293261115



4294574020



4294396731



4286349404



4278190080



4286611584



# Same Dimension

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



4293261115



4293525271



4287231803



4286151278



4289247744



4281678592



# Inverse Universe

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



4283251703



4281145343



4289281015



4285492858



4279369914

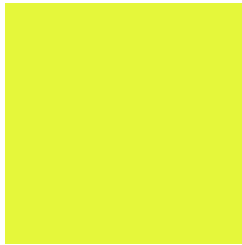


4278583355



# Previews

## White Background



This preview shows how the Android color 4293261115 looks on a white background.

## Color Contrast Check

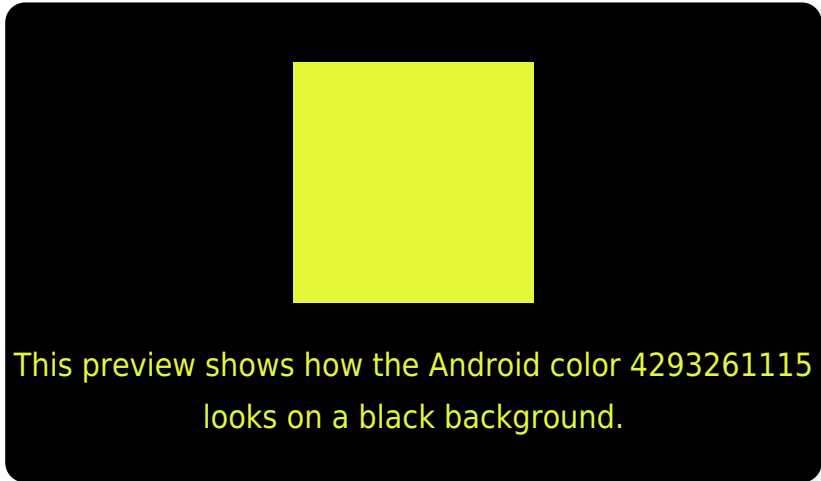
Large Text (above 18pt) WCAG AA × Fail

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 4293261115 Background



This preview shows how black text looks on a background with the Android color 4293261115.

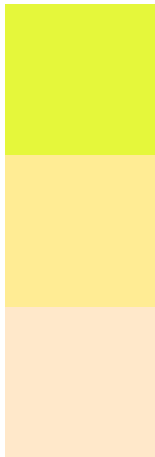


This preview shows how white text looks on a background with the Android color 4293261115.

# 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](#).

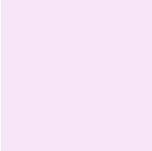
## Dichromacy



**Original Color**  
4293261115

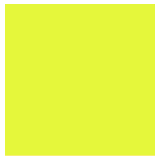
**Protanopia**  
4294962324

**Deuteranopia**  
4294961354

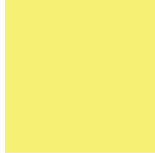


**Tritanopia**  
4294371064

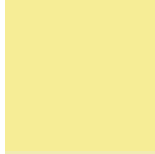
# Trichromacy



**Original Color**  
4293261115



**Protanomaly**  
4294373492

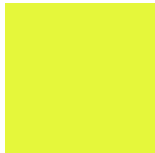


**Deuteranomaly**  
4294372758

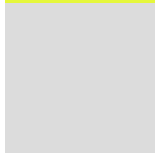


**Tritanomaly**  
4293979315

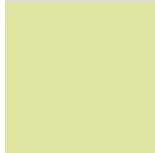
# Monochromacy



**Original Color**  
4293261115



**Achromatopsia**  
4292664540



**Achromatomaly**  
4292863649

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293261115 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(229, 247, 59)` looks like.

```
.text, #text, p{  
    color:rgb(229, 247, 59)  
}
```

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(229, 247, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 247, 59) }
```

## Border

The CSS property to change the border of an element to Android 4293261115 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(229, 247, 59) }
```

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

```
.border{ border-color:rgb(229, 247, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 247, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 247, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 247, 59);  
box-shadow:4px 4px 4px 4px rgb(229, 247,  
59) }
```

# Background

The CSS property to change the background color of an element to Android 4293261115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 247, 59) }
```

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

```
.background{ background-color: rgb(229,  
247, 59) }
```

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