

# Converting Colors

Android(4291095342)

Have a look what the booklet for  
Android(4291095342) contains.

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# **Color**

**Android(4291095342)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4EB2E
RGB	196, 235, 46
RGB Percent	77%, 92%, 18%
CMY	0.2314, 0.0784, 0.8196
CMYK	0.17, 0.00, 0.80, 0.08
HSL	72°, 83%, 55%
HSV	72°, 80%, 92%
XYZ	52.9664, 71.3497, 13.5650
YIQ	201.7930, 37.4250, -67.0470

# Conversions

## Conversions Part 2

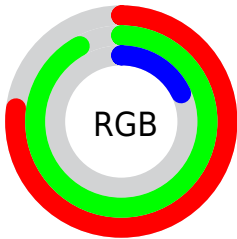
Format	Color
R <sub>Y</sub> B	46, 235, 85
Decimal	12905262
CIE Lab	87.65, -35.33, 78.83
CIE LCh	88, 86.382, 114.142
Yxy	71.3497, 0.3841, 0.5175
Android (android.graphics.Color)	4291095342 (0xFFC4EB2E)
YUV	201.7930, -76.8059, -5.0805
Hunter-Lab	84.4687, -35.8912, 49.6066

# Details

The Android color `4291095342` 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 `4283772651`, and the grayscale version is `4291546059`.

A 20% lighter version of the original color is `4294967149`, and `4287279872` is the 20% darker color. If you saturate the color by 10%, you get `4290767639`, and if you desaturate by 10%, it is `4291423046`.

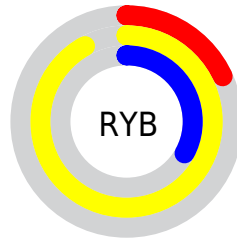
# Distribution



Red (77%)

Green (92%)

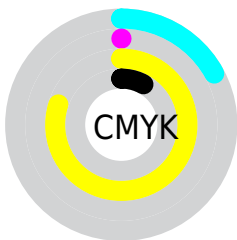
Blue (18%)



Red (18%)

Yellow (92%)

Blue (33%)

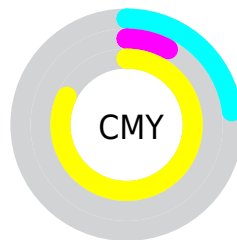


Cyan (17%)

Magenta (0%)

Yellow (80%)

Black (8%)



Cyan (23%)

Magenta (8%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291095342 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 4291095342 by changing the saturation by 10% instead.





4291095342



4291095342

4294967295



4289187584



4294967149



4287279872



4294967179



4285372416



4294967208



4283530752



4294967237



4281558272



4294967266



4279389440



4278203648



4278198784



4278190080

■ 4291095342

■ 4291095342

■ 4290767639

■ 4291423046

■ 4290505472

■ 4291750749

■ 4292078453

■ 4292340620

■ 4292668324

■ 4292996027

■ 4293323731

■ 4293651434

■ 4293979135

# Harmonies

## Analogous

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



4294955544



4291095342



4283431542

# Triad

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



4291095342



4278254591



4294937839

# Complementary

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



4291095342



4283772651

# 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.



4294945023



4291095342



4278250239

# Square

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



4291095342



4278255615



4290563583



4294939038

# Rectangle

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



4291095342



4278255532



4290563583



4294939391

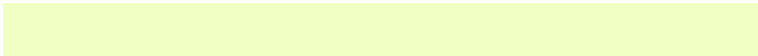


# Sweetspot

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



4291095342



4294115266



4293612590



4286087259



4278190080



4286611584



# Same Dimension

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



4291095342



4291624712



4285000494



4285756778



4287673600



4281021952



# Inverse Universe

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



4283772651



4282059007



4289867499



4285295221



4280615093



4278911030



# Previews

## White Background



This preview shows how the Android color 4291095342 looks on a white background.

## Color Contrast Check

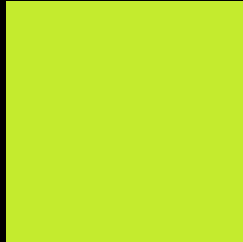
Large Text (above 18pt) WCAG AA × Fail

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 4291095342 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 4291095342 Background



This preview shows how black text looks on a background with the Android color 4291095342.



This preview shows how white text looks on a background with the Android color 4291095342.

# 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](#).

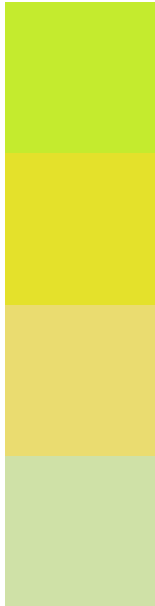
## Dichromacy





**Tritanopia**  
4292271084

# Trichromacy



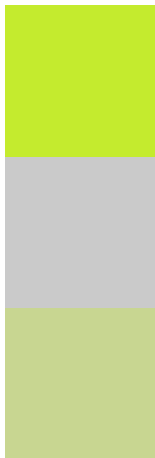
**Original Color**  
4291095342

**Protanomaly**  
4293189931

**Deuteranomaly**  
4293581936

**Tritanomaly**  
4291813799

# Monochromacy



**Original Color**  
4291095342

**Achromatopsia**  
4291480266

**Achromatomaly**  
4291352209

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291095342 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(196, 235, 46)` looks like.

```
.text, #text, p{  
    color:rgb(196, 235, 46)  
}
```

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(196, 235, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 235, 46) }
```

## Border

The CSS property to change the border of an element to Android 4291095342 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(196, 235, 46) }
```

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

```
.border{ border-color:rgb(196, 235, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 235, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 235, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 235, 46);  
box-shadow:4px 4px 4px 4px rgb(196, 235,  
46) }
```

# Background

The CSS property to change the background color of an element to Android 4291095342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 235, 46) }
```

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

```
.background{ background-color: rgb(196,  
235, 46) }
```

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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