

# Converting Colors

Android(4290832918)

Have a look what the booklet for  
Android(4290832918) contains.

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# **Color**

**Android(4290832918)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0EA16
RGB	192, 234, 22
RGB Percent	75%, 92%, 9%
CMY	0.2471, 0.0824, 0.9137
CMYK	0.18, 0.00, 0.91, 0.08
HSL	72°, 83%, 50%
HSV	72°, 91%, 92%
XYZ	51.3059, 70.1100, 11.5875
YIQ	197.2740, 43.0200, -74.8360

# Conversions

## Conversions Part 2

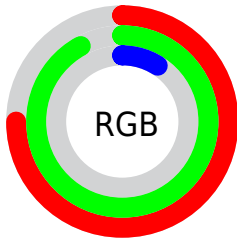
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	22, 234, 64
Decimal	12642838
CIE Lab	87.05, -37.07, 82.90
CIE LCh	87, 90.808, 114.096
Yxy	70.1100, 0.3857, 0.5271
Android (android.graphics.Color)	4290832918 (0xFFC0EA16)
YUV	197.2740, -86.4101, -4.6253
Hunter-Lab	83.7317, -37.1563, 50.4071

# Details

The Android color **4290832918** 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 **4282390250**, and the grayscale version is **4291217094**.

A 20% lighter version of the original color is **4294770528**, and **4286951936** is the 20% darker color. If you saturate the color by 10%, you get **4290570752**, and if you desaturate by 10%, it is **4291160621**.

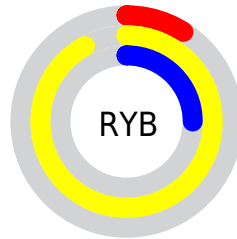
# Distribution



Red (75%)

Green (92%)

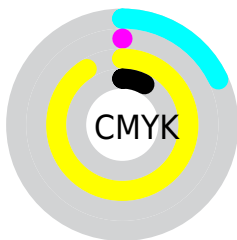
Blue (9%)



Red (9%)

Yellow (92%)

Blue (25%)

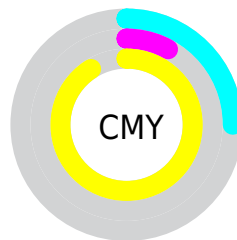


Cyan (18%)

Magenta (0%)

Yellow (91%)

Black (8%)



Cyan (25%)

Magenta (8%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290832918 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 4290832918 by changing the saturation by 10% instead.





4290832918



4290832918

4294967295



4288859648



4294770528



4286951936



4294967166



4285044480



4294967196



4283202816



4294967225



4281164800



4294967255



4278668288



4294967285



4278203392



4278198272



4278190080

■ 4290832918

■ 4290832918

■ 4290570752

■ 4291160621

■ 4291422789

■ 4291750492

■ 4292078196

■ 4292340363

■ 4292668066

■ 4292930234

■ 4293257937

■ 4293585641

# Harmonies

## Analogous

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



4294955008



4290832918



4282251630

# Triad

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



4290832918



4278254591



4294935535

# Complementary

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



4290832918



4282390250

# 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.



4294943487



4290832918



4278249983

# Square

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



4290832918



4278255615



4290169599



4294936985

# Rectangle

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



4290832918



4278255528



4290169599



4294937343

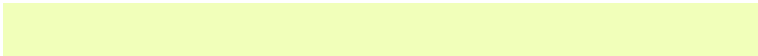


# Sweetspot

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



4290832918



4294049722



4293541142



4286021719



4278190080



4286611584



# Same Dimension

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



4290832918



4291624704



4284082710



4285756778



4287739136



4281021952



# Inverse Universe

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



4282390250



4281532671



4289140458



4285295221



4280549557

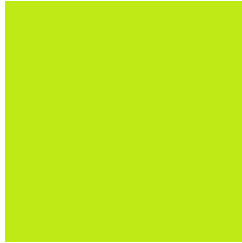


4278911030



# Previews

## White Background



This preview shows how the Android color 4290832918 looks on a white background.

## Color Contrast Check

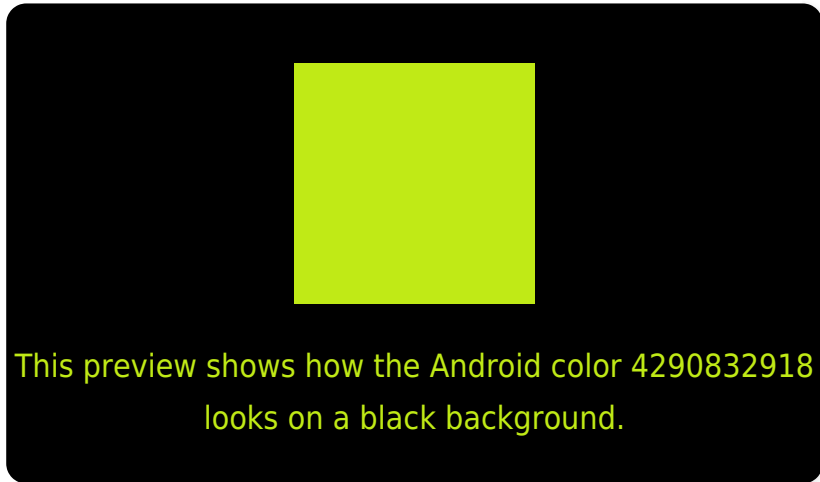
Large Text (above 18pt) WCAG AA × Fail

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 4290832918 Background



This preview shows how black text looks on a background with the Android color 4290832918.



This preview shows how white text looks on a background with the Android color 4290832918.

# 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**  
4290832918

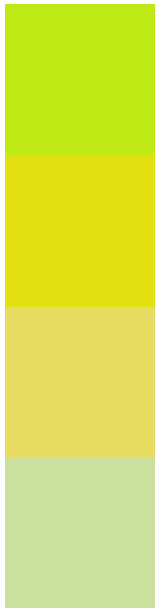
**Protanopia**  
4294302222

**Deuteranopia**  
4294955661



**Tritanopia**  
4292074219

# Trichromacy



**Original Color**  
4290832918

**Protanomaly**  
4293058577

**Deuteranomaly**  
4293450594

**Tritanomaly**  
4291616926

# Monochromacy



**Original Color**  
4290832918

**Achromatopsia**  
4291151301

**Achromatomaly**  
4291023493

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290832918 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(192, 234, 22)` looks like.

```
.text, #text, p{  
    color:rgb(192, 234, 22)  
}
```

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(192, 234, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 234, 22) }
```

## Border

The CSS property to change the border of an element to Android 4290832918 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(192, 234, 22) }
```

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

```
.border{ border-color:rgb(192, 234, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 234, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 234, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 234, 22);  
box-shadow:4px 4px 4px 4px rgb(192, 234,  
22) }
```

# Background

The CSS property to change the background color of an element to Android 4290832918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 234, 22) }
```

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

```
.background{ background-color: rgb(192,  
234, 22) }
```

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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