

# Converting Colors

Android(4290248473)

Have a look what the booklet for  
Android(4290248473) contains.

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# **Color**

**Android(4290248473)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B7FF19</a>
RGB	<a href="#">183, 255, 25</a>
RGB Percent	<a href="#">72%, 100%, 10%</a>
CMY	<a href="#">0.2824, 0.0000, 0.9020</a>
CMYK	<a href="#">0.28, 0.00, 0.90, 0.00</a>
HSL	<a href="#">79°, 100%, 55%</a>
HSV	<a href="#">79°, 90%, 100%</a>
XYZ	<a href="#">55.4639, 81.6575, 13.7579</a>
YIQ	<a href="#">207.2520, 30.9180, -86.7940</a>

# Conversions

## Conversions Part 2

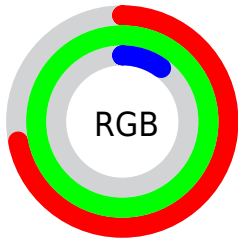
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 255, 97
Decimal	12058393
CIELab	92.42, -49.52, 86.58
CIELCh	92, 99.738, 119.768
Yxy	81.6575, 0.3676, 0.5412
Android (android.graphics.Color)	4290248473 (0xFFB7FF19)
YUV	207.2520, -89.8502, -21.2690
Hunter-Lab	90.3645, -48.5782, 54.2283

# Details

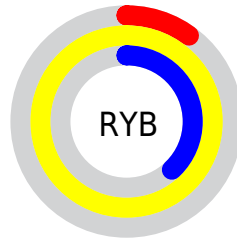
The Android color `4290248473` is a light color, and the websafe version is hex `CCFF00`. The color can be described as light washed chartreuse. A complement of this color would be `4284553727`, and the grayscale version is `4291875024`.

A 20% lighter version of the original color is `4294246245`, and `4286301696` is the 20% darker color. If you saturate the color by 10%, you get `4289724160`, and if you desaturate by 10%, it is `4290772786`.

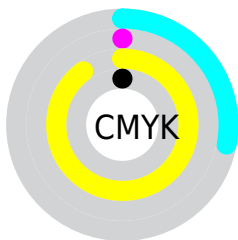
# Distribution



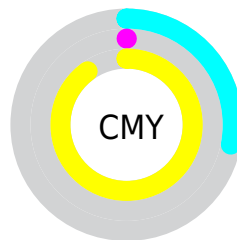
- Red (72%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (38%)



- Cyan (28%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)



- Cyan (28%)
- Magenta (0%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290248473 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 4290248473 by changing the saturation by 10% instead.





4290248473



4290248473

4294967295



4288274944



4294246245



4286301696



4294967171



4284328448



4294967201



4282224384



4294967231



4279596288



4294967261



4278213632

4294967292



4278207232



4278201600



4278194176

■ 4290248473

■ 4290248473

■ 4289724160

■ 4290772786

■ 4291297100

■ 4291821413

■ 4292345727

■ 4292870040

■ 4293394354

■ 4293918667

■ 4294442981

4294967294

# Harmonies

## Analogous

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



4294960384



4290248473



4278255490

# Triad

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



4290248473



4278255615



4294935534

# Complementary

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



4290248473



4284553727

# 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.



4294943231



4290248473



4278253055

# Square

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



4290248473



4278255615



4293054719



4294939792

# Rectangle

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



4290248473



4278255556



4293054719



4294936831

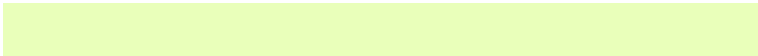


# Sweetspot

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



4290248473



4293525434



4294925849



4285759575



4278190080



4286611584



# Same Dimension

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



4290248473



4289724160



4282908441



4286349427



4286824192



4281090048



# Inverse Universe

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



4284553727



4283433215



4291893759



4286018432



4282122431

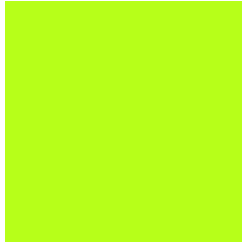


4279500864



# Previews

## White Background



This preview shows how the Android color 4290248473 looks on a white background.

## Color Contrast Check

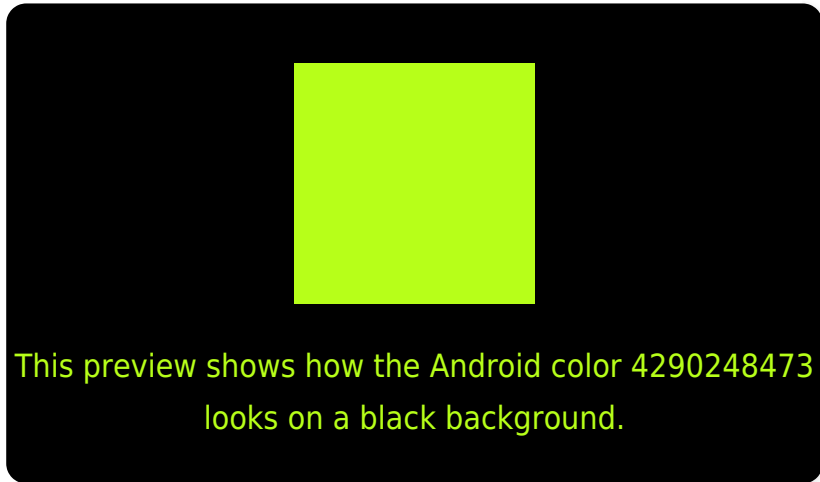
Large Text (above 18pt) WCAG AA × Fail

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

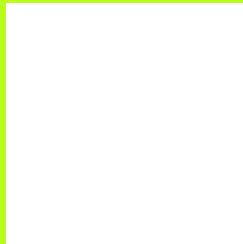
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4290248473 Background



This preview shows how black text looks on a background with the Android color 4290248473.

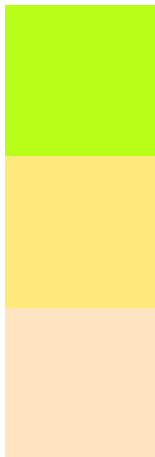


This preview shows how white text looks on a background with the Android color 4290248473.

# 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



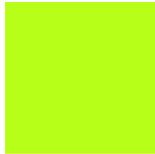
**Original Color**  
4290248473

**Protanopia**  
4294961531

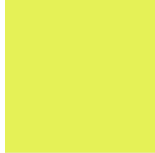
**Deuteranopia**  
4294960321



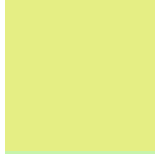
# Trichromacy



**Original Color**  
4290248473



**Protanomaly**  
4293259607

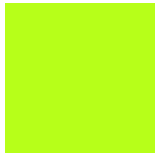


**Deuteranomaly**  
4293258884

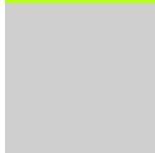


**Tritanomaly**  
4291294379

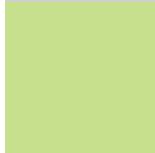
# Monochromacy



**Original Color**  
4290248473



**Achromatopsia**  
4291809231



**Achromatomaly**  
4291223693

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290248473 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(183, 255, 25)` looks like.

```
.text, #text, p{  
    color:rgb(183, 255, 25)  
}
```

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(183, 255, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 255, 25) }
```

## Border

The CSS property to change the border of an element to Android 4290248473 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(183, 255, 25) }
```

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

```
.border{ border-color:rgb(183, 255, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 255, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 255, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 255, 25);  
box-shadow:4px 4px 4px 4px rgb(183, 255,  
25) }
```

# Background

The CSS property to change the background color of an element to Android 4290248473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 255, 25) }
```

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

```
.background{ background-color: rgb(183,  
255, 25) }
```

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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