

Converting Colors

Android(4288605491)

Have a look what the booklet for
Android(4288605491) contains.

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Color

Android(4288605491)

Conversions

Conversions Part 1

Format	Color
Hex	9EED33
RGB	158, 237, 51
RGB Percent	62%, 93%, 20%
CMY	0.3804, 0.0706, 0.8000
CMYK	0.33, 0.00, 0.78, 0.07
HSL	85°, 84%, 56%
HSV	85°, 78%, 93%
XYZ	44.9823, 68.0765, 13.9012
YIQ	192.1750, 12.6220, -74.5940

Conversions

Conversions Part 2

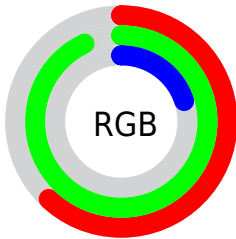
Format	Color
RYB	51, 237, 130
Decimal	10415411
CIELab	86.04, -50.20, 75.23
CIElCh	86, 90.443, 123.715
Yxy	68.0765, 0.3543, 0.5362
Android (android.graphics.Color)	4288605491 (0xFF9EED33)
YUV	192.1750, -69.5993, -29.9715
Hunter-Lab	82.5085, -47.0745, 47.7666

Details

The Android color **4288605491** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **4286723053**, and the grayscale version is **4290888129**.

A 20% lighter version of the original color is **4292476784**, and **4284724480** is the 20% darker color. If you saturate the color by 10%, you get **4287950107**, and if you desaturate by 10%, it is **4289260875**.

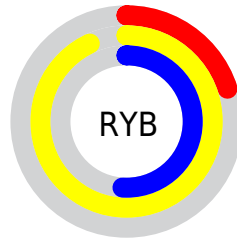
Distribution



Red (62%)

Green (93%)

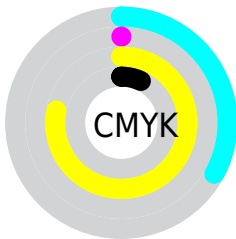
Blue (20%)



Red (20%)

Yellow (93%)

Blue (51%)

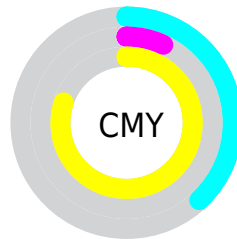


Cyan (33%)

Magenta (0%)

Yellow (78%)

Black (7%)



Cyan (38%)







Magenta (7%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288605491 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 4288605491 by changing the saturation by 10% instead.

 4288605491	 4288605491
4294967295	 4286697472
 4292476784	 4284724480
 4294508429	 4282685696
 4294967210	 4280450816
 4294967239	 4278215936
 4294967269	 4278209536
	 4278203648
	 4278197504
	 4278190080

■ 4288605491

■ 4288605491

■ 4287950107

■ 4289260875

■ 4287294724

■ 4289916258

■ 4287163648

■ 4290571642

■ 4291227026

■ 4291882409

■ 4292537793

■ 4293193177

■ 4293914097

■ 4294569471

Harmonies

Analogous

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



4294366976



4288605491



4278253959

Triad

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



4288605491



4278252799



4294934224

Complementary

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



4288605491



4286723053

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.



4294939647



4288605491



4278247167

Square

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



4288605491



4278255103



4293180415



4294939005

Rectangle

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



4288605491



4278255298



4293180415



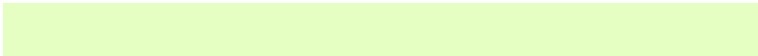
4294935021

Sweetspot

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



4288605491



4293263298



4293755187



4285562971



4278190080



4286611584

Same Dimension

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



4288605491



4288282383



4282641715



4285560170



4285052160



4280235520

Inverse Universe

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



4286723053



4285861887



4292686829



4285491829



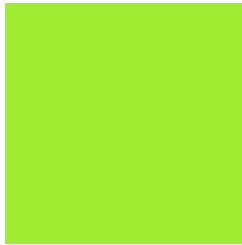
4283236533



4279697462

Previews

White Background



This preview shows how the Android color 4288605491 looks on a white background.

Color Contrast Check

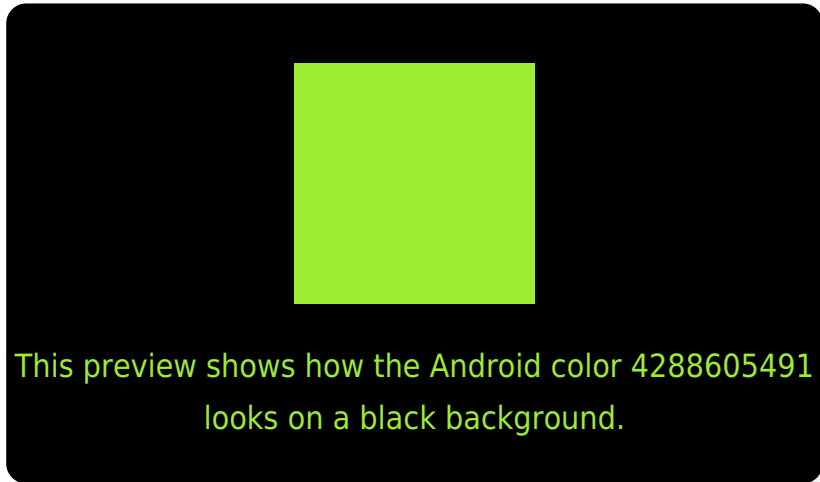
Large Text (above 18pt) WCAG AA × Fail

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 4288605491 Background



This preview shows how black text looks on a background with the Android color 4288605491.

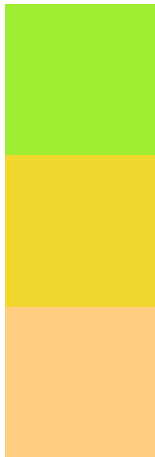


This preview shows how white text looks on a background with the Android color 4288605491.

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](#).

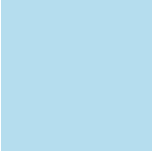
Dichromacy



Original Color
4288605491

Protanopia
4294039341

Deuteranopia
4294954625



Tritanopia
4290108910

Trichromacy



Original Color
4288605491



Protanomaly
4292075311



Deuteranomaly
4292663653

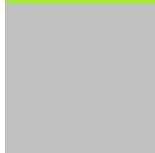


Tritanomaly
4289586090

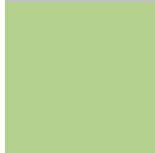
Monochromacy



Original Color
4288605491



Achromatopsia
4290822336



Achromatomaly
4290039949

CSS Examples

Text

The CSS property to change the color of the text to Android 4288605491 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(158, 237, 51)` looks like.

```
.text, #text, p{  
    color:rgb(158, 237, 51)  
}
```

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(158, 237, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 237, 51) }
```

Border

The CSS property to change the border of an element to Android 4288605491 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(158, 237, 51) }
```

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

```
.border{ border-color:rgb(158, 237, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 237, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 237, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 237, 51);  
box-shadow:4px 4px 4px 4px rgb(158, 237,  
51) }
```

Background

The CSS property to change the background color of an element to Android 4288605491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 237, 51) }
```

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

```
.background{ background-color: rgb(158,  
237, 51) }
```

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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