

# Converting Colors

Android(4288538892)

Have a look what the booklet for  
Android(4288538892) contains.

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# **Color**

**Android(4288538892)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DE90C
RGB	157, 233, 12
RGB Percent	62%, 91%, 5%
CMY	0.3843, 0.0863, 0.9529
CMYK	0.33, 0.00, 0.95, 0.09
HSL	81°, 90%, 48%
HSV	81°, 95%, 91%
XYZ	43.1099, 65.4725, 10.7131
YIQ	185.0820, 25.6450, -84.8430

# Conversions

## Conversions Part 2

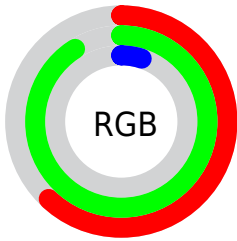
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 233, 88
Decimal	10348812
CIELab	84.73, -50.00, 81.34
CIElCh	85, 95.476, 121.582
Yxy	65.4725, 0.3614, 0.5488
Android (android.graphics.Color)	4288538892 (0xFF9DE90C)
YUV	185.0820, -85.3294, -24.6279
Hunter-Lab	80.9151, -46.5002, 48.7905

# Details

The Android color `4288538892` is a dark color, and the websafe version is hex `99FF33`. The color can be described as dark washed chartreuse. A complement of this color would be `4283960553`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4292476764`, and `4284592384` is the 20% darker color. If you saturate the color by 10%, you get `4288276736`, and if you desaturate by 10%, it is `4289063203`.

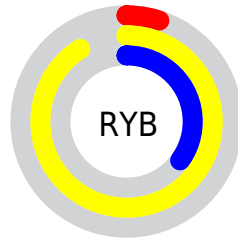
# Distribution



Red (62%)

Green (91%)

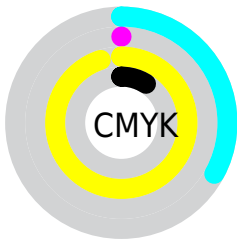
Blue (5%)



Red (5%)

Yellow (91%)

Blue (35%)

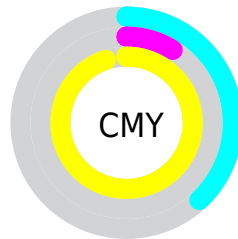


Cyan (33%)

Magenta (0%)

Yellow (95%)

Black (9%)



Cyan (38%)

Magenta (9%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288538892 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 4288538892 by changing the saturation by 10% instead.





4288538892



4288538892

4294967295



4286565632



4292476764



4284592384



4294442874



4282553856



4294967192



4280253184



4294967221



4278215168



4294967251



4278208768



4294967281



4278202880



4278196480



4278190080

■ 4288538892

■ 4288538892

■ 4288276736

■ 4289063203

■ 4289587515

■ 4290111826

■ 4290636137

■ 4291160448

■ 4291684760

■ 4292209071

■ 4292733382

■ 4293257694

# Harmonies

## Analogous

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



4294496512



4288538892



4278253176

# Triad

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



4288538892



4278252287



4294930643

# Complementary

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



4288538892



4283960553

# 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.



4294937855



4288538892



4278246911

# Square

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



4288538892



4278254591



4292196863



4294935675

# Rectangle

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



4288538892



4278254518



4292196863



4294931953

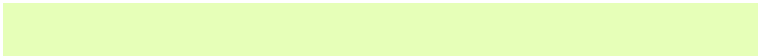


# Sweetspot

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



4288538892



4293328824



4293481996



4285628500



4278190080



4286611584



# Same Dimension

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



4288538892



4289199872



4281461004



4285625706



4286035200



4280497664



# Inverse Universe

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



4283960553



4283957503



4291038441



4285426293



4282253493

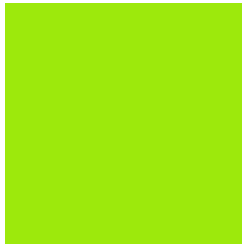


4279369782



# Previews

## White Background



This preview shows how the Android color 4288538892 looks on a white background.

## Color Contrast Check

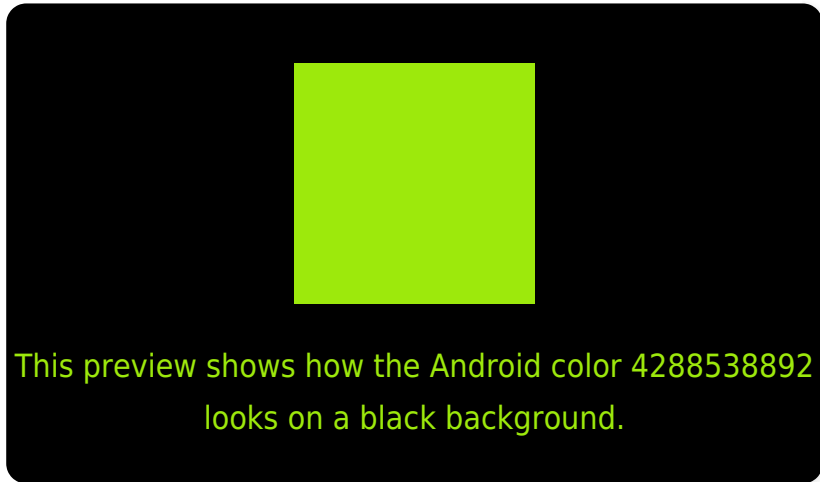
Large Text (above 18pt) WCAG AA × Fail

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 4288538892 Background



This preview shows how black text looks on a background with the Android color 4288538892.



This preview shows how white text looks on a background with the Android color 4288538892.

# 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



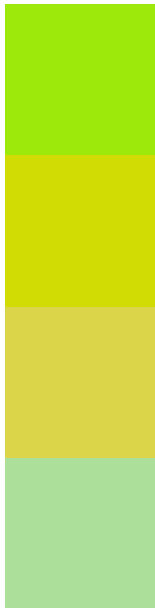
**Original Color**  
4288538892

**Protanopia**  
4293841664

**Deuteranopia**  
4294953581



# Trichromacy



**Original Color**  
4288538892

**Protanomaly**  
4291943172

**Deuteranomaly**  
4292597066

**Tritanomaly**  
4289519513

# Monochromacy



**Original Color**  
4288538892

**Achromatopsia**  
4290361785

**Achromatomaly**  
4289710714

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288538892 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(157, 233, 12)` looks like.

```
.text, #text, p{  
    color:rgb(157, 233, 12)  
}
```

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(157, 233, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 233, 12) }
```

## Border

The CSS property to change the border of an element to Android 4288538892 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(157, 233, 12) }
```

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

```
.border{ border-color:rgb(157, 233, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 233, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 233, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 233, 12);  
box-shadow:4px 4px 4px 4px rgb(157, 233,  
12) }
```

# Background

The CSS property to change the background color of an element to Android 4288538892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 233, 12) }
```

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

```
.background{ background-color: rgb(157,  
233, 12) }
```

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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