

Converting Colors

Android(4287493936)

Have a look what the booklet for
Android(4287493936) contains.

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Color

Android(4287493936)

Conversions

Conversions Part 1

Format	Color
Hex	8DF730
RGB	141, 247, 48
RGB Percent	55%, 97%, 19%
CMY	0.4471, 0.0314, 0.8118
CMYK	0.43, 0.00, 0.81, 0.03
HSL	92°, 93%, 58%
HSV	92°, 81%, 97%
XYZ	44.7788, 72.3976, 14.4104
YIQ	192.6200, 0.7030, -84.3610

Conversions

Conversions Part 2

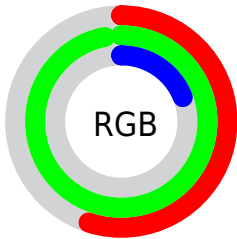
Format	Color
RYB	48, 247, 154
Decimal	9303856
CIELab	88.16, -59.91, 77.66
CIELCh	88, 98.083, 127.645
Yxy	72.3976, 0.3403, 0.5502
Android (android.graphics.Color)	4287493936 (0xFF8DF730)
YUV	192.6200, -71.2977, -45.2707
Hunter-Lab	85.0868, -54.9624, 49.5194

Details

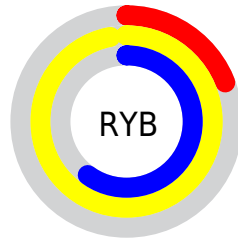
The Android color `4287493936` is a dark color, and the websafe version is hex `99FF33`. The color can be described as middle washed chartreuse. A complement of this color would be `4288295159`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4291493743`, and `4283350528` is the 20% darker color. If you saturate the color by 10%, you get `4286641943`, and if you desaturate by 10%, it is `4288345929`.

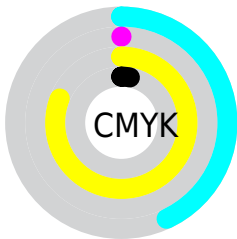
Distribution



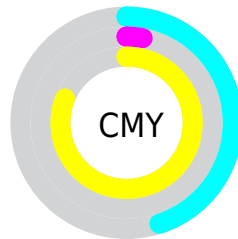
- Red (55%)
- Green (97%)
- Blue (19%)



- Red (19%)
- Yellow (97%)
- Blue (60%)



- Cyan (43%)
- Magenta (0%)
- Yellow (81%)
- Black (3%)



- Cyan (45%)
- Magenta (3%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287493936 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 4287493936 by changing the saturation by 10% instead.

 4287493936

 4287493936

4294967295

 4285454848

 4291493743

 4283350528

 4293459853

 4280852992

 4294967210

 4278224640

 4294967239

 4278217984

 4294967269

 4278211328

 4278205184

 4278199040

 4278190080

■ 4287493936

■ 4287493936

■ 4286641943

■ 4288345929

■ 4285789952

■ 4289197921

■ 4290049914

■ 4290967443

■ 4291819435

■ 4292671428

■ 4293523421

■ 4294375414

■ 4294965247

Harmonies

Analogous

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



4294107392



4287493936



4278255506

Triad

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



4287493936



4278254335



4294932425

Complementary

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



4287493936



4288295159

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.



4294937599



4287493936



4278247935

Square

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



4287493936



4278255615



4294818303



4294939504

Rectangle

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



4287493936



4278255571



4294818303



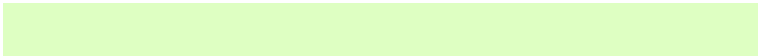
4294932713

Sweetspot

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



4287493936



4292804546



4294416176



4285300827



4278190080



4286611584

Same Dimension

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



4287493936



4286316296



4281399091



4285823598



4283939328



4279974656

Inverse Universe

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



4288295159



4287301887



4294390004



4285886074



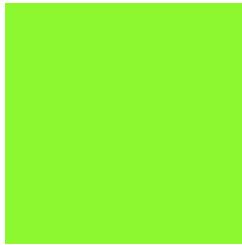
4284678330



4280221755

Previews

White Background



This preview shows how the Android color 4287493936 looks on a white background.

Color Contrast Check

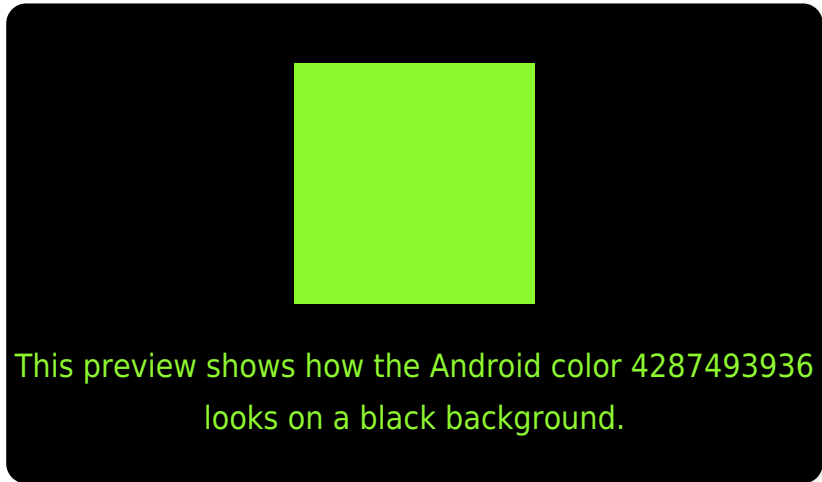
Large Text (above 18pt) WCAG AA × Fail

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

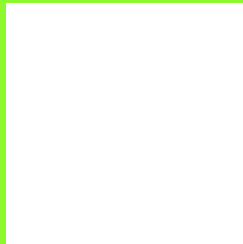
Any Text WCAG AAA ✓ Pass

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

Android 4287493936 Background



This preview shows how black text looks on a background with the Android color 4287493936.



This preview shows how white text looks on a background with the Android color 4287493936.

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
4287493936

Protanopia
4294433833

Deuteranopia
4294956440

Trichromacy



Original Color

4287493936



Protanomaly

4291880492



Deuteranomaly

4292272498



Tritanomaly

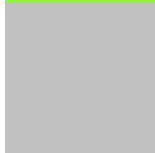
4288670895

Monochromacy



Original Color

4287493936



Achromatopsia

4290888129



Achromatomaly

4289648012

CSS Examples

Text

The CSS property to change the color of the text to Android 4287493936 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(141, 247, 48)` looks like.

```
.text, #text, p{  
    color:rgb(141, 247, 48)  
}
```

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(141, 247, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 247, 48) }
```

Border

The CSS property to change the border of an element to Android 4287493936 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(141, 247, 48) }
```

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

```
.border{ border-color:rgb(141, 247, 48) }
```

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

Here you see how a box with a 4 pixel rgb(141, 247, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 247, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 247, 48);  
box-shadow:4px 4px 4px 4px rgb(141, 247,  
48) }
```

Background

The CSS property to change the background color of an element to Android 4287493936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 247, 48) }
```

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

```
.background{ background-color: rgb(141,  
247, 48) }
```

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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