

Converting Colors

Android(4287102762)

Have a look what the booklet for
Android(4287102762) contains.

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Color

Android(4287102762)

Conversions

Conversions Part 1

Format	Color
Hex	87FF2A
RGB	135, 255, 42
RGB Percent	53%, 100%, 16%
CMY	0.4706, 0.0000, 0.8353
CMYK	0.47, 0.00, 0.84, 0.00
HSL	94°, 100%, 58%
HSV	94°, 84%, 100%
XYZ	46.1696, 76.8381, 14.5883
YIQ	194.8380, -3.1470, -91.6830

Conversions

Conversions Part 2

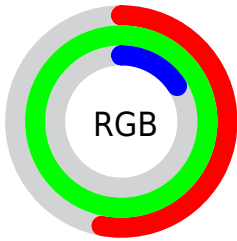
Format	Color
RYB	42, 255, 162
Decimal	8912682
CIELab	90.25, -64.92, 80.84
CIELCh	90, 103.682, 128.764
Yxy	76.8381, 0.3355, 0.5584
Android (android.graphics.Color)	4287102762 (0xFF87FF2A)
YUV	194.8380, -75.3491, -52.4779
Hunter-Lab	87.6573, -59.3834, 51.4928

Details

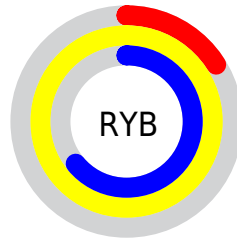
The Android color `4287102762` is a dark color, and the websafe version is hex `99FF33`, and the color name is `spring frost`. The color can be described as middle washed chartreuse. A complement of this color would be `4288817919`, and the grayscale version is `4291085508`.

A 20% lighter version of the original color is `4291166061`, and `4282762496` is the 20% darker color. If you saturate the color by 10%, you get `4286185232`, and if you desaturate by 10%, it is `4288020291`.

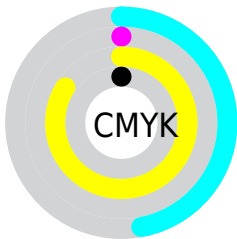
Distribution



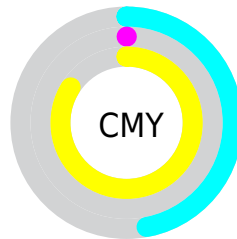
- Red (53%)
- Green (100%)
- Blue (16%)



- Red (16%)
- Yellow (100%)
- Blue (64%)



- Cyan (47%)
- Magenta (0%)
- Yellow (84%)
- Black (0%)



- Cyan (47%)
- Magenta (0%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287102762 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 4287102762 by changing the saturation by 10% instead.

 4287102762

 4287102762

4294967295

 4284998144

 4291166061

 4282762496

 4293197706

 4279478528

 4294967208

 4278226432

 4294967237

 4278219520

 4294967267

 4278212864

 4278206464

 4278200576

 4278190592

■ 4287102762

■ 4287102762

■ 4286185232

■ 4288020291

■ 4285529856

■ 4289003357

■ 4289920887

■ 4290838416

■ 4291821482

■ 4292739011

■ 4293722077

■ 4294639606

4294967295

Harmonies

Analogous

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



4294305792



4287102762



4278255511

Triad

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



4287102762



4278255615



4294931402

Complementary

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



4287102762



4288817919

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.



4294936831



4287102762



4278249215

Square

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



4287102762



4278255615



4294949631



4294939755

Rectangle

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



4287102762



4278255580



4294949631



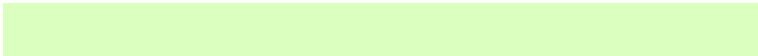
4294931436

Sweetspot

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



4287102762



4292607935



4294942506



4285169753



4278190080



4286611584

Same Dimension

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



4287102762



4285529856



4281007925



4286087283



4283744000



4280041472

Inverse Universe

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



4288817919



4287627519



4294912756



4286215040



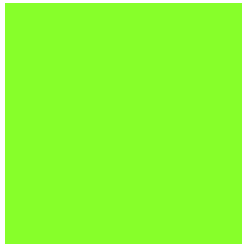
4285268159



4280549440

Previews

White Background



This preview shows how the Android color 4287102762 looks on a white background.

Color Contrast Check

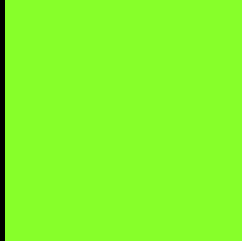
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4287102762 looks on a 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 4287102762 Background



This preview shows how black text looks on a background with the Android color 4287102762.

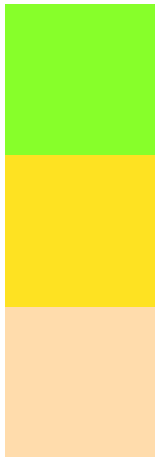


This preview shows how white text looks on a background with the Android color 4287102762.

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
4287102762

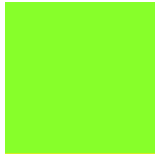
Protanopia
4294894114

Deuteranopia
4294958252



Tritanopia
4289392127

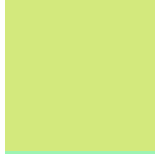
Trichromacy



Original Color
4287102762



Protanomaly
4292078885

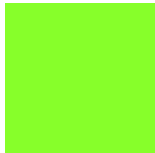


Deuteranomaly
4292077949

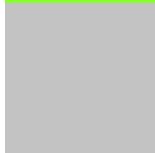


Tritanomaly
4288541874

Monochromacy



Original Color
4287102762



Achromatopsia
4291019715



Achromatomaly
4289583499

CSS Examples

Text

The CSS property to change the color of the text to Android 4287102762 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(135, 255, 42)` looks like.

```
.text, #text, p{  
    color:rgb(135, 255, 42)  
}
```

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(135, 255, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 255, 42) }
```

Border

The CSS property to change the border of an element to Android 4287102762 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(135, 255, 42) }
```

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

```
.border{ border-color:rgb(135, 255, 42) }
```

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

Here you see how a box with a 4 pixel rgb(135, 255, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 255, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 255, 42);  
box-shadow:4px 4px 4px 4px rgb(135, 255,  
42) }
```

Background

The CSS property to change the background color of an element to Android 4287102762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 255, 42) }
```

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

```
.background{ background-color: rgb(135,  
255, 42) }
```

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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