

# Converting Colors

Android(4287757432)

Have a look what the booklet for  
Android(4287757432) contains.

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# **Color**

**Android(4287757432)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91FC78
RGB	145, 252, 120
RGB Percent	57%, 99%, 47%
CMY	0.4314, 0.0118, 0.5294
CMYK	0.42, 0.00, 0.52, 0.01
HSL	109°, 96%, 73%
HSV	109°, 52%, 99%
XYZ	49.8776, 76.9966, 30.0023
YIQ	204.9590, -21.4000, -63.7360

# Conversions

## Conversions Part 2

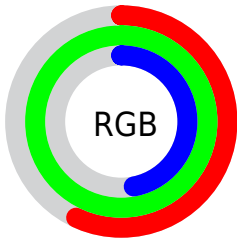
Format	Color
<a href="#">RYB</a>	<a href="#">120, 252, 227</a>
Decimal	<a href="#">9567352</a>
CIELab	<a href="#">90.32, -54.98, 53.17</a>
CIELCh	<a href="#">90, 76.480, 135.961</a>
Yxy	<a href="#">76.9966, 0.3179, 0.4908</a>
Android (android.graphics.Color)	<a href="#">4287757432 (0xFF91FC78)</a>
YUV	<a href="#">204.9590, -41.8848, -52.5840</a>
Hunter-Lab	<a href="#">87.7477, -52.0954, 41.1512</a>

# Details

The Android color `4287757432` is a light color, and the websafe version is hex `99FF66`. A complement of this color would be `4293097724`, and the grayscale version is `4291677645`.

A 20% lighter version of the original color is `4291624879`, and `4283876163` is the 20% darker color. If you saturate the color by 10%, you get `4286446687`, and if you desaturate by 10%, it is `4289068177`.

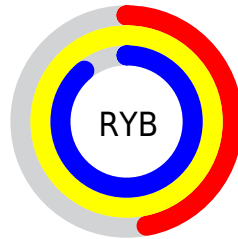
# Distribution



Red (57%)

Green (99%)

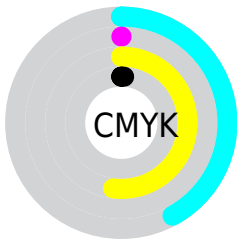
Blue (47%)



Red (47%)

Yellow (99%)

Blue (89%)

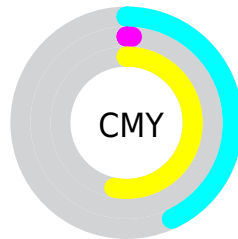


Cyan (42%)

Magenta (0%)

Yellow (52%)

Black (1%)



Cyan (43%)

Magenta (1%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287757432 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 4287757432 by changing the saturation by 10% instead.



 4287757432

 4287757432

4294967295

 4285849437

 4291624879

 4283876163

 4293590987

 4281771815

 4294967272

 4278356992

 4278219008

 4278212608

 4278206208

 4278200576

 4278190592

■ 4287757432

■ 4287757432

■ 4286446687

■ 4289068177

■ 4285070406

■ 4290444458

■ 4283759660

■ 4291755204

■ 4282383379

■ 4293131485

■ 4281400320

■ 4294442230

■ 4294966527

# Harmonies

## Analogous

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



4293258314



4287757432



4278255549

# Triad

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



4287757432



4278253055



4294943423

# Complementary

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



4287757432



4293097724

# Split Complementary

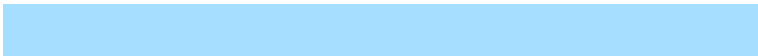
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294944255



4287757432



4289126143

# Square

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



4287757432



4278255615



4294950911



4294948733

# Rectangle

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



4287757432



4278255600



4294950911



4294942936

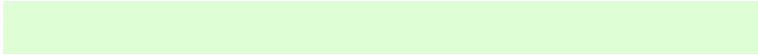


# Sweetspot

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



4287757432



4292804566



4294763128



4285300839



4278190080



4286611584



# Same Dimension

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



4287757432



4286447454



4286119072



4285758832



4280597760



4278992128



# Inverse Universe

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



4293097724



4292959999



4294736084



4286279805



4288217277

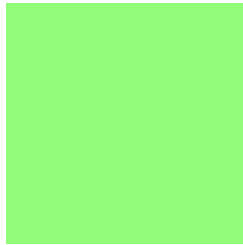


4281466941



# Previews

## White Background



This preview shows how the Android color 4287757432 looks on a white background.

## Color Contrast Check

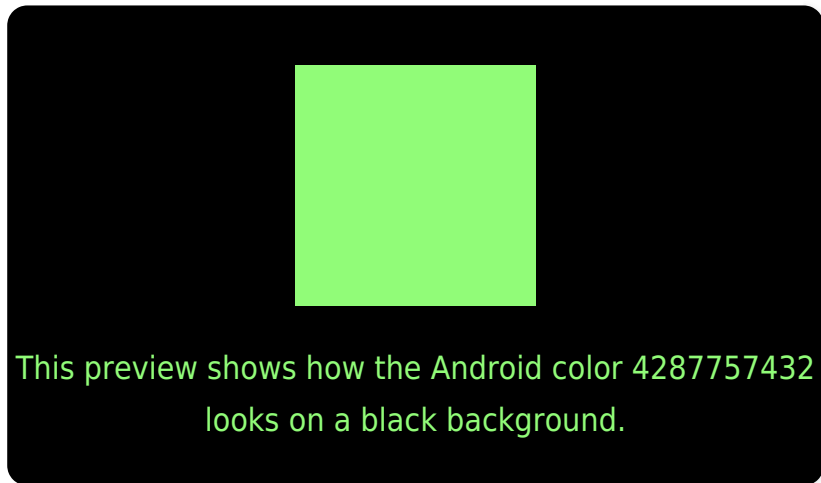
Large Text (above 18pt) WCAG AA × Fail

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

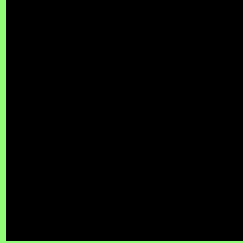
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

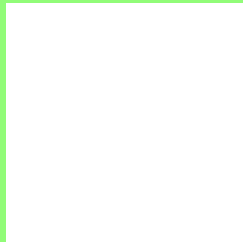
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4287757432 Background



This preview shows how black text looks on a background with the Android color 4287757432.

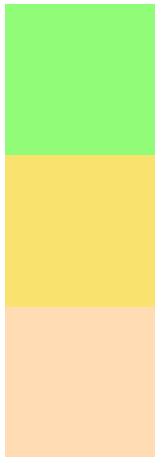


This preview shows how white text looks on a background with the Android color 4287757432.

# 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**  
4287757432

**Protanopia**  
4294632047

**Deuteranopia**  
4294958259

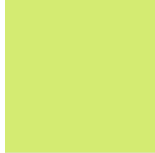


# Trichromacy



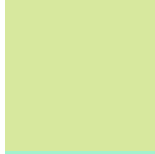
**Original Color**

4287757432



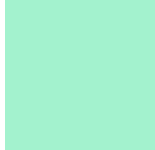
**Protanomaly**

4292143986



**Deuteranomaly**

4292339870



**Tritanomaly**

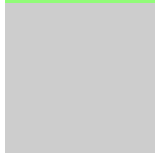
4288934606

# Monochromacy



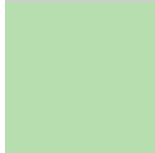
**Original Color**

4287757432



**Achromatopsia**

4291677645



**Achromatomaly**

4290240174

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287757432 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(145, 252, 120)` looks like.

```
.text, #text, p{  
    color:rgb(145, 252, 120)  
}
```

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(145, 252, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 252, 120) }
```

## Border

The CSS property to change the border of an element to Android 4287757432 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(145, 252, 120) }
```

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

```
.border{ border-color:rgb(145, 252, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 252, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 252, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 252, 120); box-shadow:4px 4px 4px 4px rgb(145, 252, 120) }
```

# Background

The CSS property to change the background color of an element to Android 4287757432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 252, 120) }
```

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

```
.background{ background-color: rgb(145,  
252, 120) }
```

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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