

Converting Colors

Android(4287623744)

Have a look what the booklet for
Android(4287623744) contains.

Android(4287623744)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4287623744)

Conversions

Conversions Part 1

Format	Color
Hex	8FF240
RGB	143, 242, 64
RGB Percent	56%, 95%, 25%
CMY	0.4392, 0.0510, 0.7490
CMYK	0.41, 0.00, 0.74, 0.05
HSL	93°, 87%, 60%
HSV	93°, 74%, 95%
XYZ	44.0052, 69.7141, 15.9873
YIQ	192.1070, -1.8660, -76.3460

Conversions

Conversions Part 2

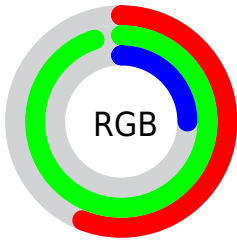
Format	Color
RYB	64, 242, 163
Decimal	9433664
CIELab	86.86, -56.54, 71.83
CIELCh	87, 91.411, 128.210
Yxy	69.7141, 0.3393, 0.5375
Android (android.graphics.Color)	4287623744 (0xFF8FF240)
YUV	192.1070, -63.1568, -43.0668
Hunter-Lab	83.4949, -52.0394, 47.0938

Details

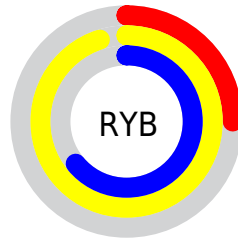
The Android color `4287623744` is a light color, and the websafe version is hex `99FF33`. The color can be described as light washed chartreuse. A complement of this color would be `4288889074`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4291559291`, and `4283611392` is the 20% darker color. If you saturate the color by 10%, you get `4286771752`, and if you desaturate by 10%, it is `4288475736`.

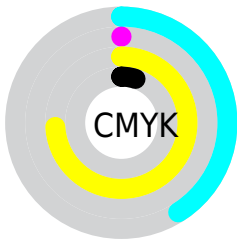
Distribution



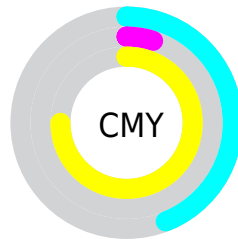
- Red (56%)
- Green (95%)
- Blue (25%)



- Red (25%)
- Yellow (95%)
- Blue (64%)



- Cyan (41%)
- Magenta (0%)
- Yellow (74%)
- Black (5%)



- Cyan (44%)
- Magenta (5%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287623744 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 4287623744 by changing the saturation by 10% instead.



4287623744



4287623744

4294967295



4285650204



4291559291



4283611392



4293525399



4281376256



4294967220



4278223616



4294967249



4278216960



4294967279



4278210304



4278204160



4278198272



4278190080

■ 4287623744

■ 4287623744

■ 4286771752

■ 4288475736

■ 4285854224

■ 4289393264

■ 4285264384

■ 4290245257

■ 4291162785

■ 4292014777

■ 4292932305

■ 4293784297

■ 4294701823

■ 4294963967

Harmonies

Analogous

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



4293778688



4287623744



4278254997

Triad

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



4287623744



4278252799



4294934469

Complementary

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



4287623744



4288889074

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.



4294938623



4287623744



4278246655

Square

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



4287623744



4278255615



4294621183



4294940530

Rectangle

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



4287623744



4278255569



4294621183



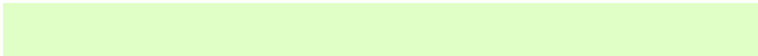
4294934754

Sweetspot

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



4287623744



4292935623



4294091328



4285366366



4278190080



4286611584

Same Dimension

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



4287623744



4286775071



4282446409



4285626476



4283545600



4279842816

Inverse Universe

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



4288889074



4288356351



4294066409



4285754488



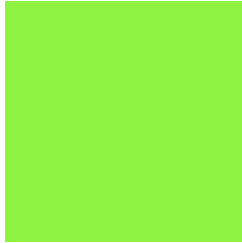
4284874936



4280221752

Previews

White Background



This preview shows how the Android color 4287623744 looks on a white background.

Color Contrast Check

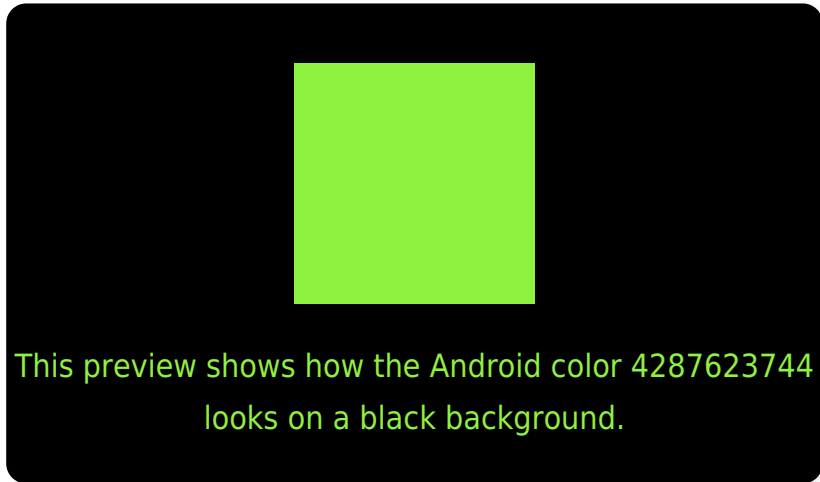
Large Text (above 18pt) WCAG AA × Fail

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 4287623744 Background



This preview shows how black text looks on a background with the Android color 4287623744.

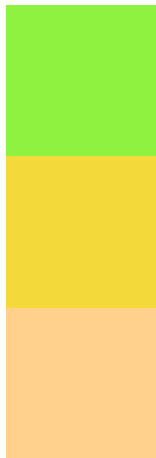


This preview shows how white text looks on a background with the Android color 4287623744.

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
4287623744

Protanopia
4294170937

Deuteranopia
4294955403

Trichromacy



Original Color

4287623744



Protanomaly

4291813948



Deuteranomaly

4292271472



Tritanomaly

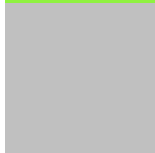
4288735411

Monochromacy



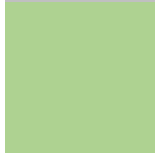
Original Color

4287623744



Achromatopsia

4290822336



Achromatomaly

4289647249

CSS Examples

Text

The CSS property to change the color of the text to Android 4287623744 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(143, 242, 64)` looks like.

```
.text, #text, p{  
    color:rgb(143, 242, 64)  
}
```

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(143, 242, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 242, 64) }
```

Border

The CSS property to change the border of an element to Android 4287623744 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(143, 242, 64) }
```

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

```
.border{ border-color:rgb(143, 242, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 242, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 242, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 242, 64);  
box-shadow:4px 4px 4px 4px rgb(143, 242,  
64) }
```

Background

The CSS property to change the background color of an element to Android 4287623744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 242, 64) }
```

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

```
.background{ background-color: rgb(143,  
242, 64) }
```

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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