

Converting Colors

Android(4287688260)

Have a look what the booklet for
Android(4287688260) contains.

Android(4287688260)	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(4287688260)

Conversions

Conversions Part 1

Format	Color
Hex	90EE44
RGB	144, 238, 68
RGB Percent	56%, 93%, 27%
CMY	0.4353, 0.0667, 0.7333
CMYK	0.39, 0.00, 0.71, 0.07
HSL	93°, 83%, 60%
HSV	93°, 71%, 93%
XYZ	43.1195, 67.4957, 16.2242
YIQ	190.5140, -1.4540, -72.7980

Conversions

Conversions Part 2

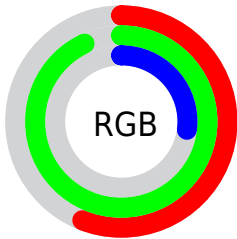
Format	Color
RYB	68, 238, 162
Decimal	9498180
CIELab	85.75, -54.40, 69.41
CIELCh	86, 88.186, 128.089
Yxy	67.4957, 0.3400, 0.5321
Android (android.graphics.Color)	4287688260 (0xFF90EE44)
YUV	190.5140, -60.3994, -40.7928
Hunter-Lab	82.1558, -50.0867, 45.8004

Details

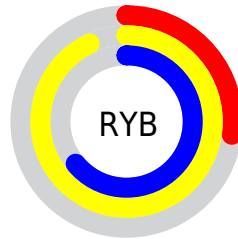
The Android color `4287688260` is a light color, and the websafe version is hex `99FF66`. The color can be described as light muted chartreuse. A complement of this color would be `4288824558`, and the grayscale version is `4290756543`.

A 20% lighter version of the original color is `4291559294`, and `4283741440` is the 20% darker color. If you saturate the color by 10%, you get `4286836268`, and if you desaturate by 10%, it is `4288540252`.

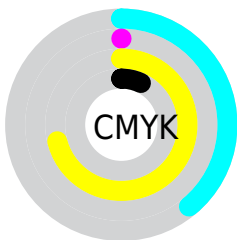
Distribution



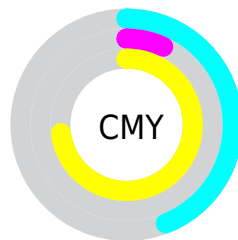
- Red (56%)
- Green (93%)
- Blue (27%)



- Red (27%)
- Yellow (93%)
- Blue (64%)



- Cyan (39%)
- Magenta (0%)
- Yellow (71%)
- Black (7%)



- Cyan (44%)
- Magenta (7%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287688260 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 4287688260 by changing the saturation by 10% instead.



4287688260



4287688260

4294967295



4285714723



4291559294



4283741440



4293525402



4281571840



4294967223



4278222592



4294967252



4278215936



4294967281



4278209536



4278203648



4278197504



4278190080

■ 4287688260

■ 4287688260

■ 4286836268

■ 4288540252

■ 4285984276

■ 4289392244

■ 4285197824

■ 4290244235

■ 4291161763

■ 4292013755

■ 4292865747

■ 4293717739

■ 4294569727

■ 4294962943

Harmonies

Analogous

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



4293581312



4287688260



4278253972

Triad

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



4287688260



4278251775



4294934979

Complementary

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



4287688260



4288824558

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.



4294938879



4287688260



4278245887

Square

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



4287688260



4278254591



4294358783



4294940531

Rectangle

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



4287688260



4278255054



4294358783



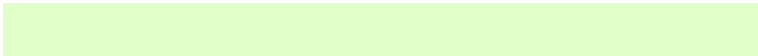
4294935263

Sweetspot

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



4287688260



4293001161



4293828932



4285431904



4278190080



4286611584

Same Dimension

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



4287688260



4287037220



4282707532



4285626476



4283611136



4279842816

Inverse Universe

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



4288824558



4288488703



4293805286



4285688952



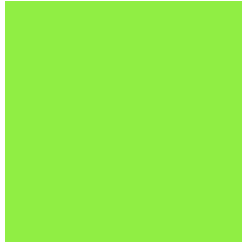
4284874936



4280221752

Previews

White Background



This preview shows how the Android color 4287688260 looks on a white background.

Color Contrast Check

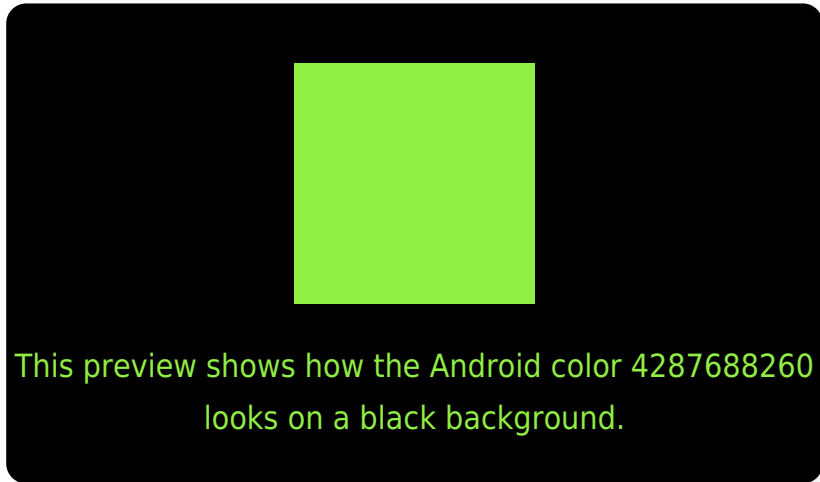
Large Text (above 18pt) WCAG AA × Fail

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 4287688260 Background



This preview shows how black text looks on a background with the Android color 4287688260.



This preview shows how white text looks on a background with the Android color 4287688260.

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



Trichromacy



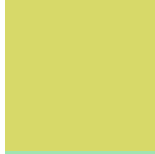
Original Color

4287688260



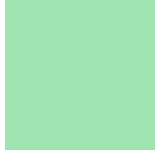
Protanomaly

4291616576



Deuteranomaly

4292335977



Tritanomaly

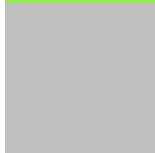
4288734385

Monochromacy



Original Color

4287688260



Achromatopsia

4290756543



Achromatomaly

4289646738

CSS Examples

Text

The CSS property to change the color of the text to Android 4287688260 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(144, 238, 68)` looks like.

```
.text, #text, p{  
    color:rgb(144, 238, 68)  
}
```

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(144, 238, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 238, 68) }
```

Border

The CSS property to change the border of an element to Android 4287688260 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(144, 238, 68) }
```

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

```
.border{ border-color:rgb(144, 238, 68) }
```

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

Here you see how a box with a 4 pixel rgb(144, 238, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 238, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 238, 68);  
box-shadow:4px 4px 4px 4px rgb(144, 238,  
68) }
```

Background

The CSS property to change the background color of an element to Android 4287688260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 238, 68) }
```

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

```
.background{ background-color: rgb(144,  
238, 68) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor