

Converting Colors

Android(4287087428)

Have a look what the booklet for
Android(4287087428) contains.

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Color

Android(4287087428)

Conversions

Conversions Part 1

Format	Color
Hex	87C344
RGB	135, 195, 68
RGB Percent	53%, 76%, 27%
CMY	0.4706, 0.2353, 0.7333
CMYK	0.31, 0.00, 0.65, 0.24
HSL	88°, 51%, 52%
HSV	88°, 65%, 76%
XYZ	30.5502, 44.5985, 12.4670
YIQ	162.5820, 5.0070, -52.2170

Conversions

Conversions Part 2

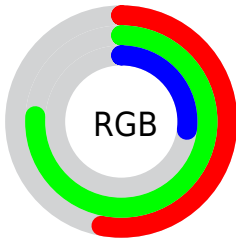
Format	Color
RYB	68, 195, 128
Decimal	8897348
CIELab	72.63, -39.51, 55.69
CIELCh	73, 68.280, 125.356
Yxy	44.5985, 0.3487, 0.5090
Android (android.graphics.Color)	4287087428 (0xFF87C344)
YUV	162.5820, -46.6289, -24.1894
Hunter-Lab	66.7821, -35.2119, 35.6791

Details

The Android color `4287087428` is a dark color, and the websafe version is hex `99CC33`. The color can be described as middle muted chartreuse. A complement of this color would be `4286596291`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4290837626`, and `4283469057` is the 20% darker color. If you saturate the color by 10%, you get `4286497585`, and if you desaturate by 10%, it is `4287677272`.

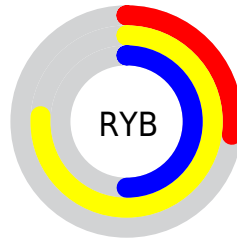
Distribution



Red (53%)

Green (76%)

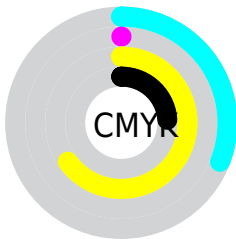
Blue (27%)



Red (27%)

Yellow (76%)

Blue (50%)

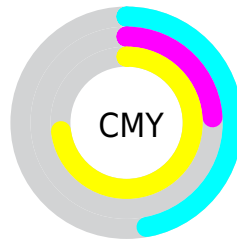


Cyan (31%)

Magenta (0%)

Yellow (65%)

Black (24%)



Cyan (47%)

Magenta (24%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287087428 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 4287087428 by changing the saturation by 10% instead.

 4287087428

 4287087428

4294967295

 4285245480

 4290837626

 4283469057

 4292738965

 4281627392

 4294639537

 4279654912

 4294967245

 4278206976

 4294967274

 4278201088

 4278194432

 4278190080

 4287087428

 4287087428

■ 4286497585

■ 4287677272

■ 4285907741

■ 4288267115

■ 4285252362

■ 4288922495

■ 4284990208

■ 4289512338

■ 4290102182

■ 4290692025

■ 4291281869

■ 4291937248

■ 4292527091

Harmonies

Analogous

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



4291343142



4287087428



4278242427

Triad

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



4287087428



4278241023



4294932393

Complementary

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



4287087428



4286596291

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.



4294935272



4287087428



4281251583

Square

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



4287087428



4278243321



4291010047



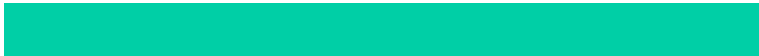
4294935405

Rectangle

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



4287087428



4278243238



4291010047



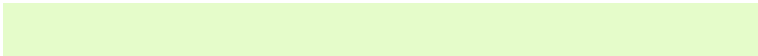
4294932671

Sweetspot

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



4287087428



4293262538



4291002180



4285628513



4278190080



4286611584

Same Dimension

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



4287087428



4288674872



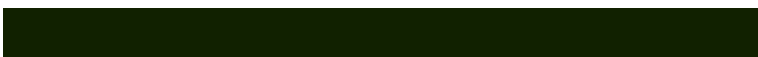
4282958660



4284244311



4283801856



4279312640

Inverse Universe

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



4286596291



4287969532



4290725059



4284241761



4283170977



4279238689

Previews

White Background



This preview shows how the Android color 4287087428 looks on a white background.

Color Contrast Check

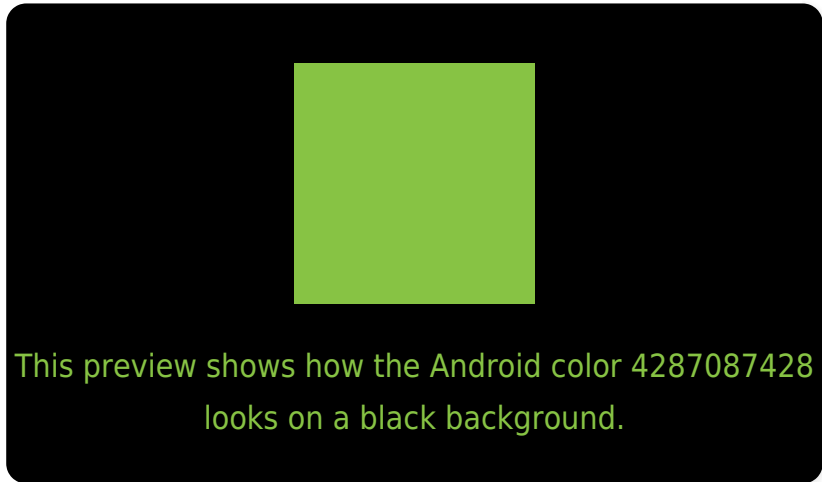
Large Text (above 18pt) WCAG AA × Fail

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 4287087428 Background



This preview shows how black text looks on a background with the Android color 4287087428.



This preview shows how white text looks on a background with the Android color 4287087428.

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
4287087428

Protanopia
4291211839

Deuteranopia
4292651340

Trichromacy



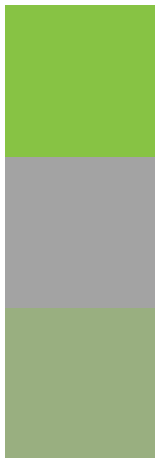
Original Color
4287087428

Protanomaly
4289706049

Deuteranomaly
4290622025

Tritanomaly
4287806358

Monochromacy



Original Color
4287087428

Achromatopsia
4288914339

Achromatomaly
4288262016

CSS Examples

Text

The CSS property to change the color of the text to Android 4287087428 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, 195, 68)` looks like.

```
.text, #text, p{  
    color:rgb(135, 195, 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(135, 195, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 195, 68) }
```

Border

The CSS property to change the border of an element to Android 4287087428 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, 195, 68) }
```

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

```
.border{ border-color:rgb(135, 195, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 195, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 195, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 195, 68);  
box-shadow:4px 4px 4px 4px rgb(135, 195,  
68) }
```

Background

The CSS property to change the background color of an element to Android 4287087428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 195, 68) }
```

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

```
.background{ background-color: rgb(135,  
195, 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](#).

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