

Converting Colors

Android(4286833296)

Have a look what the booklet for
Android(4286833296) contains.

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Color

Android(4286833296)

Conversions

Conversions Part 1

Format	Color
Hex	83E290
RGB	131, 226, 144
RGB Percent	51%, 89%, 56%
CMY	0.4863, 0.1137, 0.4353
CMYK	0.42, 0.00, 0.36, 0.11
HSL	128°, 62%, 70%
HSV	128°, 42%, 89%
XYZ	41.5905, 61.2316, 36.0124
YIQ	188.2470, -30.2980, -45.6420

Conversions

Conversions Part 2

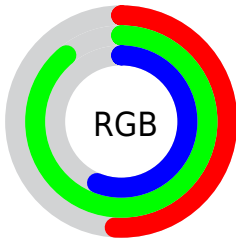
Format	Color
RYB	131, 215, 226
Decimal	8643216
CIELab	82.50, -44.99, 31.52
CIELCh	83, 54.930, 144.982
Yxy	61.2316, 0.2996, 0.4410
Android (android.graphics.Color)	4286833296 (0xFF83E290)
YUV	188.2470, -21.8138, -50.2056
Hunter-Lab	78.2506, -42.0653, 27.4891

Details

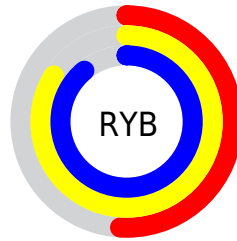
The Android color `4286833296` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4293034965`, and the grayscale version is `4290559164`.

A 20% lighter version of the original color is `4290576326`, and `4283148893` is the 20% darker color. If you saturate the color by 10%, you get `4285325948`, and if you desaturate by 10%, it is `4288340644`.

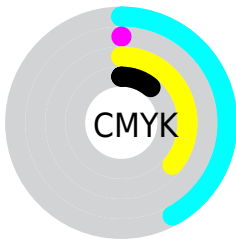
Distribution



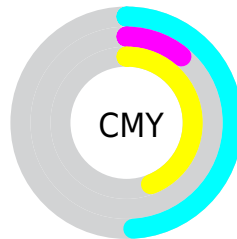
- Red (51%)
- Green (89%)
- Blue (56%)



- Red (51%)
- Yellow (84%)
- Blue (89%)



- Cyan (42%)
- Magenta (0%)
- Yellow (36%)
- Black (11%)

















- Cyan (49%)
- Magenta (11%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286833296 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 4286833296 by changing the saturation by 10% instead.

 4286833296	 4286833296
4294967295	 4284991094
 4290576326	 4283148893
 4292476899	 4281110340
 4294377471	 4278220076
	 4278213397
	 4278207232
	 4278201600
	 4278194176
	 4278190080

 4286833296

 4286833296

 4285325948

 4288340644

 4283884137

 4289782455

 4282376789

 4291289803

 4280934978

 4292731614

 4279427630

 4294238962

 4278247967

 4294959871

Harmonies

Analogous

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



4290893676



4286833296



4278380483

Triad

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



4286833296



4284405247



4294944421

Complementary

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



4286833296



4293034965

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.



4294943704



4286833296



4291085311

Square

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



4286833296



4278248191



4294947071



4294948218

Rectangle

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



4286833296



4278249702



4294947071



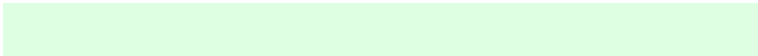
4294943669

Sweetspot

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



4286833296



4292804578



4292207235



4285235310



4278190080



4286611584

Same Dimension

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



4286833296



4286644113



4286833343



4284837991



4278235160



4278202375

Inverse Universe

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



4293034965



4294934766



4293034918



4285556079



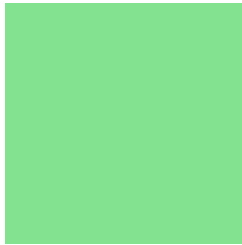
4289724568



4281335850

Previews

White Background



This preview shows how the Android color 4286833296 looks on a white background.

Color Contrast Check

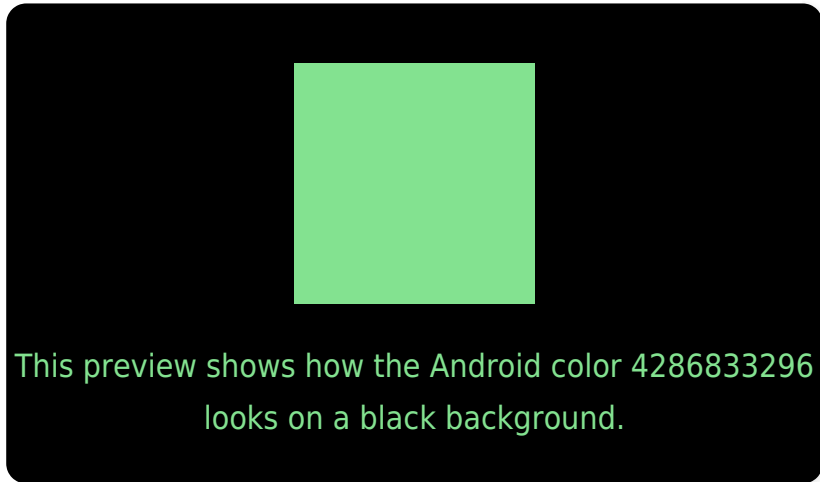
Large Text (above 18pt) WCAG AA × Fail

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

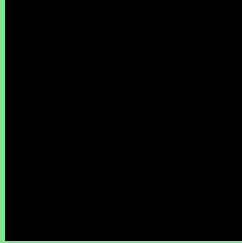
Any Text WCAG AA ✓ Pass

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 4286833296 Background



This preview shows how black text looks on a background with the Android color 4286833296.



This preview shows how white text looks on a background with the Android color 4286833296.

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

4286833296



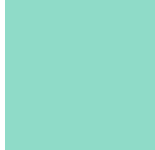
Protanomaly

4290630794



Deuteranomaly

4291415956



Tritanomaly

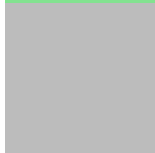
4287617992

Monochromacy



Original Color

4286833296



Achromatopsia

4290559164



Achromatomaly

4289186476

CSS Examples

Text

The CSS property to change the color of the text to Android 4286833296 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(131, 226, 144)` looks like.

```
.text, #text, p{  
    color:rgb(131, 226, 144)  
}
```

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(131, 226, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 226, 144) }
```

Border

The CSS property to change the border of an element to Android 4286833296 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(131, 226, 144) }
```

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

```
.border{ border-color:rgb(131, 226, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 226, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 226, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 226, 144); box-shadow:4px 4px 4px 4px rgb(131, 226, 144) }
```

Background

The CSS property to change the background color of an element to Android 4286833296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 226, 144) }
```

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

```
.background{ background-color: rgb(131,  
226, 144) }
```

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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