

Converting Colors

Android(4286702223)

Have a look what the booklet for
Android(4286702223) contains.

Android(4286702223)	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(4286702223)

Conversions

Conversions Part 1

Format	Color
Hex	81E28F
RGB	129, 226, 143
RGB Percent	51%, 89%, 56%
CMY	0.4941, 0.1137, 0.4392
CMYK	0.43, 0.00, 0.37, 0.11
HSL	129°, 63%, 70%
HSV	129°, 43%, 89%
XYZ	41.2075, 61.0430, 35.5972
YIQ	187.5350, -31.1690, -46.3770

Conversions

Conversions Part 2

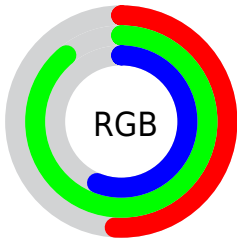
Format	Color
RYB	129, 214, 226
Decimal	8512143
CIELab	82.40, -45.72, 31.88
CIELCh	82, 55.736, 145.112
Yxy	61.0430, 0.2989, 0.4428
Android (android.graphics.Color)	4286702223 (0xFF81E28F)
YUV	187.5350, -21.9558, -51.3352
Hunter-Lab	78.1300, -42.5826, 27.6776

Details

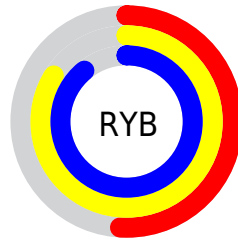
The Android color `4286702223` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4293034452`, and the grayscale version is `4290559164`.

A 20% lighter version of the original color is `4290445253`, and `4282952284` is the 20% darker color. If you saturate the color by 10%, you get `4285194876`, and if you desaturate by 10%, it is `4288209570`.

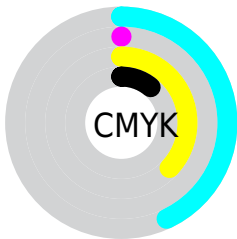
Distribution



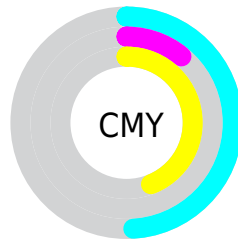
- Red (51%)
- Green (89%)
- Blue (56%)



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



- Cyan (43%)
- Magenta (0%)
- Yellow (37%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Android color 4286702223 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 4286702223 by changing the saturation by 10% instead.

 4286702223

 4286702223

4294967295

 4284860021

 4290445253

 4282952284

 4292345826

 4280913731

 4294246399

 4278220075

 4278213395

 4278207232

 4278201344

 4278194176

 4278190080

 4286702223

 4286702223


 4285194876

 4288209570

 4283753064

 4289651382

 4282245717

 4291158729

 4280803906

 4292600540

 4279296558

 4294107888

 4278247969

 4294959871

Harmonies

Analogous

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



4290828139



4286702223



4278249410

Triad

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



4286702223



4284208639



4294944163

Complementary

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



4286702223



4293034452

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.



4294943448



4286702223



4291085311

Square

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



4286702223



4278248191



4294946815



4294947961

Rectangle

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



4286702223



4278249703



4294946815



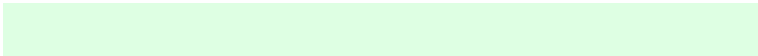
4294943412

Sweetspot

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



4286702223



4292804579



4292207233



4285235310



4278190080



4286611584

Same Dimension

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



4286702223



4286250894



4286702270



4284837991



4278235161



4278202375

Inverse Universe

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



4293034452



4294933228



4293034405



4285556079



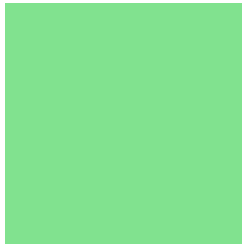
4289724567



4281335849

Previews

White Background



This preview shows how the Android color 4286702223 looks on a white background.

Color Contrast Check

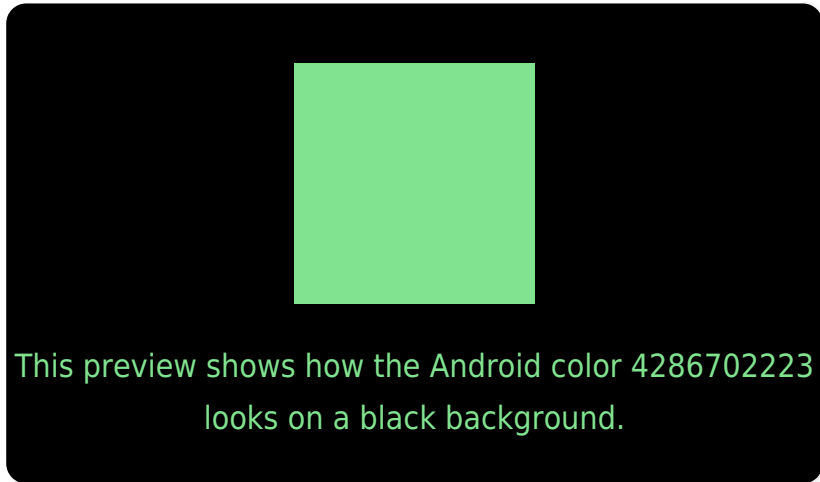
Large Text (above 18pt) WCAG AA × Fail

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

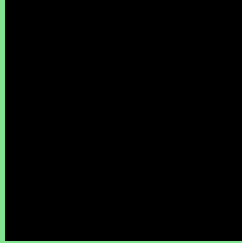
Any Text WCAG AA ✓ Pass

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 4286702223 Background



This preview shows how black text looks on a background with the Android color 4286702223.



This preview shows how white text looks on a background with the Android color 4286702223.

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

4286702223



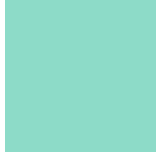
Protanomaly

4290565257



Deuteranomaly

4291350163



Tritanomaly

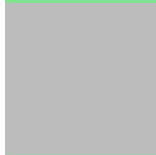
4287486920

Monochromacy



Original Color

4286702223



Achromatopsia

4290559164



Achromatomaly

4289186476

CSS Examples

Text

The CSS property to change the color of the text to Android 4286702223 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(129, 226, 143)` looks like.

```
.text, #text, p{  
    color:rgb(129, 226, 143)  
}
```

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(129, 226, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 226, 143) }
```

Border

The CSS property to change the border of an element to Android 4286702223 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(129, 226, 143) }
```

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

```
.border{ border-color:rgb(129, 226, 143) }
```

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

Here you see how a box with a 4 pixel rgb(129, 226, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 226, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 226, 143);  
box-shadow:4px 4px 4px 4px rgb(129, 226,  
143) }
```

Background

The CSS property to change the background color of an element to Android 4286702223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 226, 143) }
```

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

```
.background{ background-color: rgb(129,  
226, 143) }
```

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