

Converting Colors

Android(4286832871)

Have a look what the booklet for
Android(4286832871) contains.

Android(4286832871)	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(4286832871)

Conversions

Conversions Part 1

Format	Color
Hex	83E0E7
RGB	131, 224, 231
RGB Percent	51%, 88%, 91%
CMY	0.4863, 0.1216, 0.0941
CMYK	0.43, 0.03, 0.00, 0.09
HSL	184°, 68%, 71%
HSV	184°, 43%, 91%
XYZ	50.4395, 63.9061, 85.2780
YIQ	196.9910, -57.6750, -17.5390

Conversions

Conversions Part 2

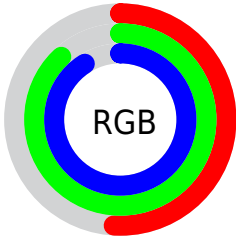
Format	Color
RYB	131, 179, 231
Decimal	8642791
CIELab	83.92, -25.87, -12.08
CIELCh	84, 28.553, 205.039
Yxy	63.9061, 0.2527, 0.3201
Android (android.graphics.Color)	4286832871 (0xFF83E0E7)
YUV	196.9910, 16.7664, -57.8741
Hunter-Lab	79.9413, -27.2715, -7.2891

Details

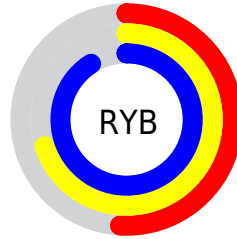
The Android color `4286832871` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4293364355`, and the grayscale version is `4291151301`.

A 20% lighter version of the original color is `4290641919`, and `4283017391` is the 20% darker color. If you saturate the color by 10%, you get `4285325031`, and if you desaturate by 10%, it is `4288340711`.

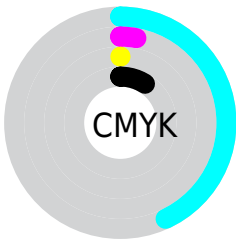
Distribution



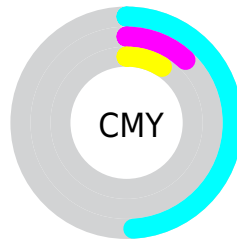
- Red (51%)
- Green (88%)
- Blue (91%)



- Red (51%)
- Yellow (70%)
- Blue (91%)



- Cyan (43%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)

















- Cyan (49%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286832871 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 4286832871 by changing the saturation by 10% instead.

 4286832871	 4286832871
4294967295	 4284925131
 4290641919	 4283017391
 4292542463	 4280782485
 4294508543	 4278219899
	 4278213474
	 4278207306
	 4278201396
	 4278195999
	 4278190084

■ 4286832871

■ 4286832871

■ 4285325031

■ 4288340711

■ 4283817447

■ 4289848295

■ 4282309607

■ 4291356135

■ 4280802023

■ 4292863719

■ 4279294183

■ 4294437095

■ 4278245351

■ 4294961895

■ 4294962151

■ 4294962663

■ 4294963175

Harmonies

Analogous

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



4287815884



4286832871



4287421692

Triad

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



4286832871



4293968880



4293512860

Complementary

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



4286832871



4293364355

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.



4294886822



4286832871



4294950615

Square

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



4286832871



4291874047



4294950844



4291680160

Rectangle

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



4286832871



4288665855



4294950844



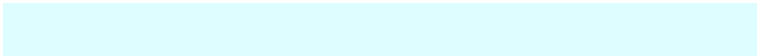
4294036382

Sweetspot

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



4286832871



4292804095



4286834570



4285234816



4278190080



4286611584

Same Dimension

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



4286832871



4286248703



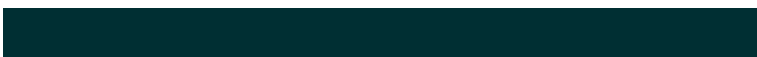
4286820071



4284969587



4278232755



4278202163

Inverse Universe

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



4293362656



4294933238



4293377155



4285753202



4289921190



4281532463

Previews

White Background



This preview shows how the Android color 4286832871 looks on a white background.

Color Contrast Check

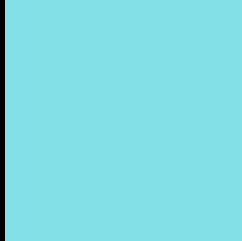
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4286832871 looks on a 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 4286832871 Background



This preview shows how black text looks on a background with the Android color 4286832871.



This preview shows how white text looks on a background with the Android color 4286832871.

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



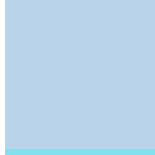
Trichromacy



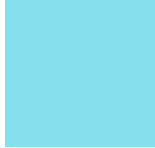
Original Color
4286832871



Protanomaly
4290041312



Deuteranomaly
4290368490

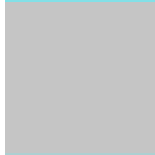


Tritanomaly
4286963693

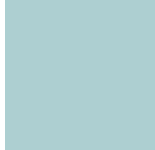
Monochromacy



Original Color
4286832871



Achromatopsia
4291151301



Achromatomaly
4289581009

CSS Examples

Text

The CSS property to change the color of the text to Android 4286832871 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, 224, 231)` looks like.

```
.text, #text, p{  
    color:rgb(131, 224, 231)  
}
```

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, 224, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 224, 231) }
```

Border

The CSS property to change the border of an element to Android 4286832871 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, 224, 231) }
```

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

```
.border{ border-color:rgb(131, 224, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 224, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 224, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 224, 231);  
box-shadow:4px 4px 4px 4px rgb(131, 224,  
231) }
```

Background

The CSS property to change the background color of an element to Android 4286832871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 224, 231) }
```

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

```
.background{ background-color: rgb(131,  
224, 231) }
```

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