

Converting Colors

Android(4287029200)

Have a look what the booklet for
Android(4287029200) contains.

Android(4287029200)	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(4287029200)

Conversions

Conversions Part 1

Format	Color
Hex	86DFD0
RGB	134, 223, 208
RGB Percent	53%, 87%, 82%
CMY	0.4745, 0.1255, 0.1843
CMYK	0.40, 0.00, 0.07, 0.13
HSL	170°, 58%, 70%
HSV	170°, 40%, 87%
XYZ	47.6044, 62.3978, 69.2095
YIQ	194.6790, -48.2290, -23.5330

Conversions

Conversions Part 2

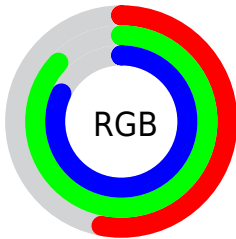
Format	Color
RYB	134, 183, 223
Decimal	8839120
CIELab	83.12, -30.19, -1.06
CIElCh	83, 30.204, 182.006
Yxy	62.3978, 0.2656, 0.3482
Android (android.graphics.Color)	4287029200 (0xFF86DFD0)
YUV	194.6790, 6.5673, -53.2155
Hunter-Lab	78.9922, -30.6641, 3.3473

Details

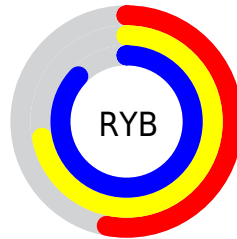
The Android color `4287029200` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4292839061`, and the grayscale version is `4291019715`.

A 20% lighter version of the original color is `4290772991`, and `4283344794` is the 20% darker color. If you saturate the color by 10%, you get `4285587404`, and if you desaturate by 10%, it is `4288470996`.

Distribution



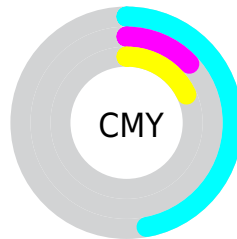
- Red (53%)
- Green (87%)
- Blue (82%)



- Red (53%)
- Yellow (72%)
- Blue (87%)



- Cyan (40%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287029200 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 4287029200 by changing the saturation by 10% instead.

 4287029200

 4287029200

4294967295

 4285186996

 4290772991

 4283344794

 4292673535

 4281372032

 4294574079

 4278612839

 4278213199

 4278207032

 4278201123

 4278194957

 4278190080

 4287029200

 4287029200

 4285587404

 4288470996

 4284080072

 4289978328

 4282638277

 4291420123

 4281196481

 4292861919

 4279689149

 4294303715

 4278247353

 4294959079

 4294959082

 4294959086

 4294959090

Harmonies

Analogous

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



4288863412



4287029200



4286242540

Triad

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



4287029200



4292265983



4294624414

Complementary

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



4287029200



4292839061

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.



4294950322



4287029200



4294295274

Square

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



4287029200



4289647103



4294949582



4293054102

Rectangle

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



4287029200



4286766075



4294949582



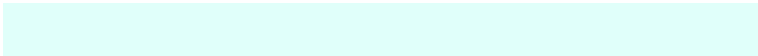
4294951331

Sweetspot

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



4287029200



4292935674



4288077702



4285431932



4278190080



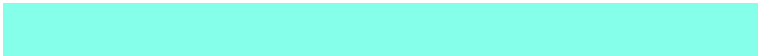
4286611584

Same Dimension

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



4287029200



4286971882



4287022047



4284837998



4278235282



4278202408

Inverse Universe

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



4292839061



4294935961



4292846214



4285556071



4289724446



4281335816

Previews

White Background



This preview shows how the Android color 4287029200 looks on a white background.

Color Contrast Check

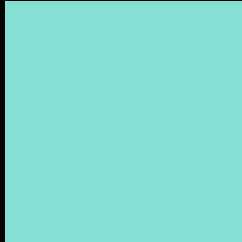
Large Text (above 18pt) WCAG AA × Fail

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 4287029200 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

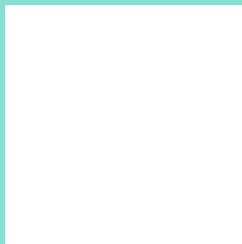
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4287029200 Background



This preview shows how black text looks on a background with the Android color 4287029200.



This preview shows how white text looks on a background with the Android color 4287029200.

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



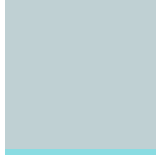
Original Color

4287029200



Protanomaly

4290303178



Deuteranomaly

4290760915



Tritanomaly

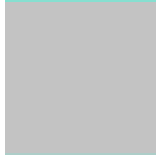
4287290594

Monochromacy



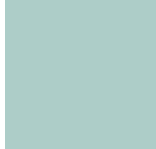
Original Color

4287029200



Achromatopsia

4291019715



Achromatomaly

4289580488

CSS Examples

Text

The CSS property to change the color of the text to Android 4287029200 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(134, 223, 208)` looks like.

```
.text, #text, p{  
    color:rgb(134, 223, 208)  
}
```

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(134, 223, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 223, 208) }
```

Border

The CSS property to change the border of an element to Android 4287029200 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(134, 223, 208) }
```

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

```
.border{ border-color:rgb(134, 223, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 223, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 223, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 223, 208);  
box-shadow:4px 4px 4px 4px rgb(134, 223,  
208) }
```

Background

The CSS property to change the background color of an element to Android 4287029200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 223, 208) }
```

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

```
.background{ background-color: rgb(134,  
223, 208) }
```

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