

Converting Colors

Android(4287029208)

Have a look what the booklet for
Android(4287029208) contains.

Android(4287029208)	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(4287029208)

Conversions

Conversions Part 1

Format	Color
Hex	86DFD8
RGB	134, 223, 216
RGB Percent	53%, 87%, 85%
CMY	0.4745, 0.1255, 0.1529
CMYK	0.40, 0.00, 0.03, 0.13
HSL	175°, 58%, 70%
HSV	175°, 40%, 87%
XYZ	48.6139, 62.8016, 74.5254
YIQ	195.5910, -50.7970, -21.0450

Conversions

Conversions Part 2

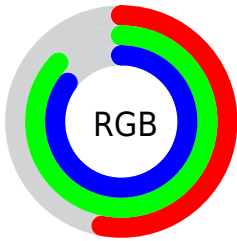
Format	Color
RYB	134, 180, 223
Decimal	8839128
CIELab	83.34, -28.32, -4.98
CIElCh	83, 28.753, 189.982
Yxy	62.8016, 0.2614, 0.3378
Android (android.graphics.Color)	4287029208 (0xFF86DFD8)
YUV	195.5910, 10.0616, -54.0153
Hunter-Lab	79.2474, -29.1832, -0.2840

Details

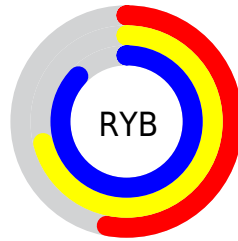
The Android color `4287029208` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4292839053`, and the grayscale version is `4291085508`.

A 20% lighter version of the original color is `4290772991`, and `4283279265` is the 20% darker color. If you saturate the color by 10%, you get `4285587414`, and if you desaturate by 10%, it is `4288471002`.

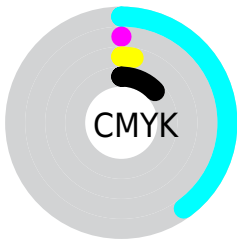
Distribution



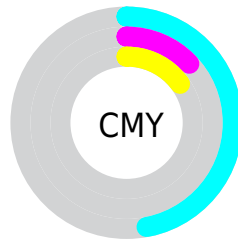
- Red (53%)
- Green (87%)
- Blue (85%)



- Red (53%)
- Yellow (71%)
- Blue (87%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287029208 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 4287029208 by changing the saturation by 10% instead.

 4287029208

 4287029208

4294967295

 4285187004

 4290772991

 4283279265

 4292673535

 4281306503

 4294639615

 4278285166

 4278213206

 4278207038

 4278201129

 4278195220

 4278190080

■ 4287029208

■ 4287029208

■ 4285587414

■ 4288471002

■ 4284080084

■ 4289978332

■ 4282638291

■ 4291420125

■ 4281196497

■ 4292861919

■ 4279689167

■ 4294303713

■ 4278247373

■ 4294959075

■ 4294959076

■ 4294959078

■ 4294959080

Harmonies

Analogous

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



4288601532



4287029208



4286766577

Triad

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



4287029208



4292855545



4294232221

Complementary

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



4287029208



4292839053

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.



4294951086



4287029208



4294622947

Square

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



4287029208



4290498559



4294950087



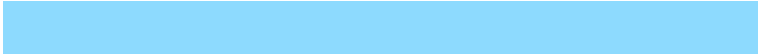
4292530586

Rectangle

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



4287029208



4287486718



4294950087



4294624674

Sweetspot

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



4287029208



4292935677



4287487878



4285431934



4278190080



4286611584

Same Dimension

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



4287029208



4286971893



4287019743



4284837999



4278235298



4278202413

Inverse Universe

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



4292839053



4294935950



4292848518



4285556070



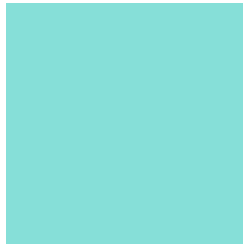
4289724430



4281335812

Previews

White Background



This preview shows how the Android color 4287029208 looks on a white background.

Color Contrast Check

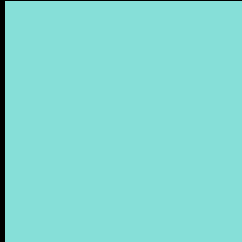
Large Text (above 18pt) WCAG AA × Fail

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 4287029208 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 4287029208 Background



This preview shows how black text looks on a background with the Android color 4287029208.



This preview shows how white text looks on a background with the Android color 4287029208.

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



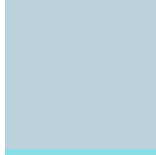
Trichromacy



Original Color
4287029208



Protanomaly
4290172114



Deuteranomaly
4290630107

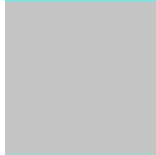


Tritanomaly
4287290853

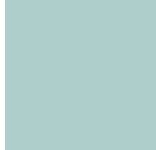
Monochromacy



Original Color
4287029208



Achromatopsia
4291085508



Achromatomaly
4289580747

CSS Examples

Text

The CSS property to change the color of the text to Android 4287029208 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(134, 223, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 223, 216) }
```

Border

The CSS property to change the border of an element to Android 4287029208 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, 216) }
```

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

```
.border{ border-color:rgb(134, 223, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 223, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 223, 216);  
box-shadow:4px 4px 4px 4px rgb(134, 223,  
216) }
```

Background

The CSS property to change the background color of an element to Android 4287029208 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, 216) }
```

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

```
.background{ background-color: rgb(134,  
223, 216) }
```

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