

Converting Colors

Android(4287223013)

Have a look what the booklet for
Android(4287223013) contains.

Android(4287223013)	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(4287223013)

Conversions

Conversions Part 1

Format	Color
Hex	89D4E5
RGB	137, 212, 229
RGB Percent	54%, 83%, 90%
CMY	0.4627, 0.1686, 0.1020
CMYK	0.40, 0.07, 0.00, 0.10
HSL	191°, 64%, 72%
HSV	191°, 40%, 90%
XYZ	48.0029, 58.0625, 82.8059
YIQ	191.5130, -50.1570, -10.6130

Conversions

Conversions Part 2

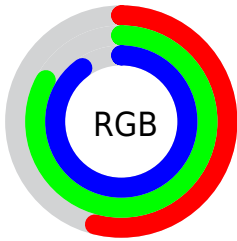
Format	Color
RYB	137, 178, 229
Decimal	9032933
CIELab	80.77, -18.95, -15.71
CIElCh	81, 24.610, 219.656
Yxy	58.0625, 0.2542, 0.3074
Android (android.graphics.Color)	4287223013 (0xFF89D4E5)
YUV	191.5130, 18.4811, -47.8079
Hunter-Lab	76.1987, -20.8983, -11.0919

Details

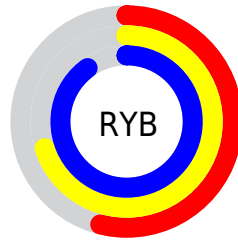
The Android color `4287223013` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4293237385`, and the grayscale version is `4290756543`.

A 20% lighter version of the original color is `4290969599`, and `4283538862` is the 20% darker color. If you saturate the color by 10%, you get `4285714661`, and if you desaturate by 10%, it is `4288731365`.

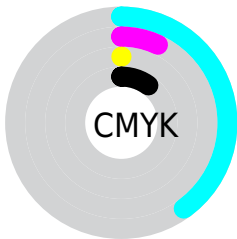
Distribution



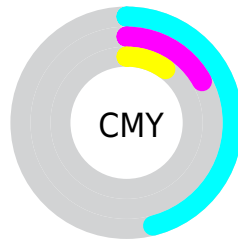
- Red (54%)
- Green (83%)
- Blue (90%)



- Red (54%)
- Yellow (70%)
- Blue (90%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287223013 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 4287223013 by changing the saturation by 10% instead.



4287223013



4287223013

4294967295



4285380809



4290969599



4283538862



4292870143



4281631635

4294836223



4279069305



4278210912



4278205001



4278199346



4278191901



4278190080

■ 4287223013

■ 4287223013

■ 4285714661

■ 4288731365

■ 4284206309

■ 4290239717

■ 4282697701

■ 4291748325

■ 4281189349

■ 4293256677

■ 4279680997

■ 4294699493

■ 4278238181

■ 4294962661

■ 4294963941

■ 4294964965

■ 4294965989

Harmonies

Analogous

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



4287420111



4287223013



4288335859

Triad

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



4287223013



4293769945



4292004251

Complementary

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



4287223013



4293237385

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.



4293444254



4287223013



4294424770

Square

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



4287223013



4292264172



4294294444



4290302117

Rectangle

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



4287223013



4289580022



4294294444



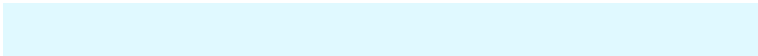
4292528027

Sweetspot

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



4287223013



4292934143



4287227290



4285430912



4278190080



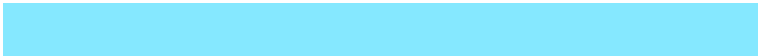
4286611584

Same Dimension

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



4287223013



4286966015



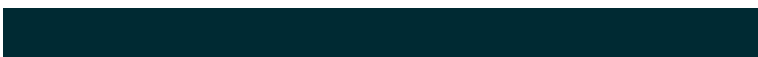
4287211237



4284969331



4278227635



4278200883

Inverse Universe

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



4293233108



4294936040



4293249161



4285753201



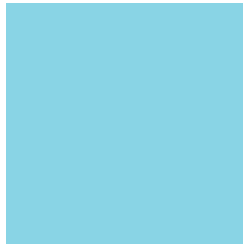
4289921170



4281532458

Previews

White Background



This preview shows how the Android color 4287223013 looks on a white background.

Color Contrast Check

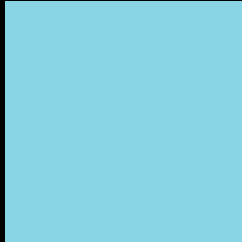
Large Text (above 18pt) WCAG AA × Fail

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 4287223013 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 4287223013 Background



This preview shows how black text looks on a background with the Android color 4287223013.



This preview shows how white text looks on a background with the Android color 4287223013.

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



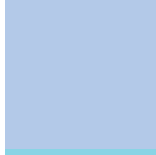
Trichromacy



Original Color
4287223013



Protanomaly
4289711071



Deuteranomaly
4289972712

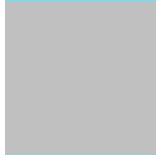


Tritanomaly
4287223013

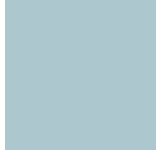
Monochromacy



Original Color
4287223013



Achromatopsia
4290822336



Achromatomaly
4289513421

CSS Examples

Text

The CSS property to change the color of the text to Android 4287223013 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(137, 212, 229)` looks like.

```
.text, #text, p{  
    color:rgb(137, 212, 229)  
}
```

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(137, 212, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 212, 229) }
```

Border

The CSS property to change the border of an element to Android 4287223013 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(137, 212, 229) }
```

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

```
.border{ border-color:rgb(137, 212, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 212, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 212, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 212, 229);  
box-shadow:4px 4px 4px 4px rgb(137, 212,  
229) }
```

Background

The CSS property to change the background color of an element to Android 4287223013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 212, 229) }
```

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

```
.background{ background-color: rgb(137,  
212, 229) }
```

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