

Converting Colors

Android(4288016367)

Have a look what the booklet for
Android(4288016367) contains.

Android(4288016367)	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(4288016367)

Conversions

Conversions Part 1

Format	Color
Hex	95EFEF
RGB	149, 239, 239
RGB Percent	58%, 94%, 94%
CMY	0.4157, 0.0627, 0.0627
CMYK	0.38, 0.00, 0.00, 0.06
HSL	180°, 74%, 76%
HSV	180°, 38%, 94%
XYZ	58.8409, 74.3546, 92.9120
YIQ	212.0900, -53.6400, -19.0800

Conversions

Conversions Part 2

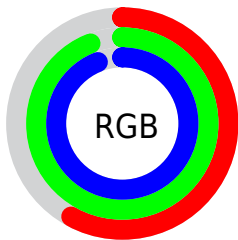
Format	Color
RYB	149, 194, 239
Decimal	9826287
CIELab	89.09, -26.84, -8.51
CIELCh	89, 28.152, 197.596
Yxy	74.3546, 0.2602, 0.3288
Android (android.graphics.Color)	4288016367 (0xFF95EFEF)
YUV	212.0900, 13.2666, -55.3299
Hunter-Lab	86.2291, -29.0963, -3.5247

Details

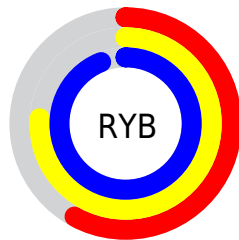
The Android color `4288016367` is a light color, and the websafe version is hex `99FFFF`. A complement of this color would be `4293891477`, and the grayscale version is `4292138196`.

A 20% lighter version of the original color is `4291821567`, and `4284266423` is the 20% darker color. If you saturate the color by 10%, you get `4286443503`, and if you desaturate by 10%, it is `4289589231`.

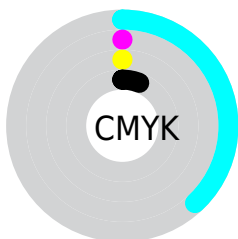
Distribution



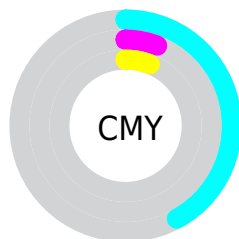
- Red (58%)
- Green (94%)
- Blue (94%)



- Red (58%)
- Yellow (76%)
- Blue (94%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (42%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288016367 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 4288016367 by changing the saturation by 10% instead.

 4288016367

 4288016367

4294967295

 4286174163

 4291821567

 4284266423

 4293722111

 4282358940

 4280058242

 4278216809

 4278210385

 4278204474

 4278199076

 4278190352

 4288016367

 4288016367

 4286443503


 4289589231

 4284870639

 4291162095

 4283297775

 4292734959

 4281724911

 4294307823

 4280217583

 4294963183

 4278644719

 4278251503

Harmonies

Analogous

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



4289261267



4288016367



4288212223

Triad

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



4288016367



4294431999



4294892204

Complementary

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



4288016367



4293891477

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.



4294955705



4288016367



4294954732

Square

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



4288016367



4292206079



4294954449



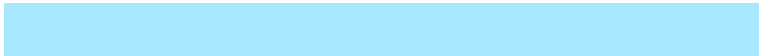
4293125036

Rectangle

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



4288016367



4289194239



4294954449



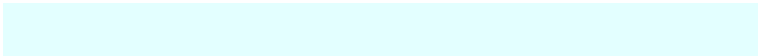
4294956975

Sweetspot

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



4288016367



4293132287



4288016277



4285497472



4278190080



4286611584

Same Dimension

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



4288016367



4287430655



4288004847



4285298808



4278237368



4278204472

Inverse Universe

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



4293891567



4294937855



4293902997



4286082168



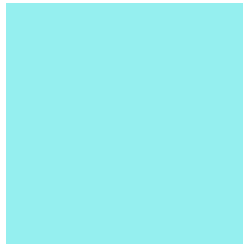
4290248888



4281860152

Previews

White Background



This preview shows how the Android color 4288016367 looks on a white background.

Color Contrast Check

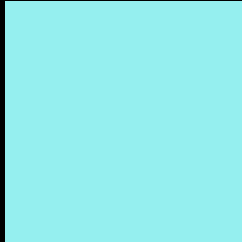
Large Text (above 18pt) WCAG AA × Fail

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 4288016367 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 4288016367 Background



This preview shows how black text looks on a background with the Android color 4288016367.




This preview shows how white text looks on a background with the Android color 4288016367.

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





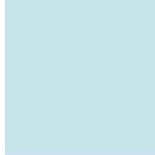
Tritanopia
4288408831

Trichromacy



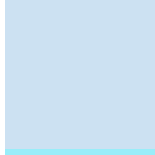
Original Color

4288016367



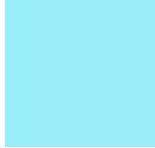
Protanomaly

4291159273



Deuteranomaly

4291617266



Tritanomaly

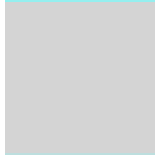
4288278009

Monochromacy



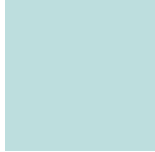
Original Color

4288016367



Achromatopsia

4292138196



Achromatomaly

4290633438

CSS Examples

Text

The CSS property to change the color of the text to Android 4288016367 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(149, 239, 239)` looks like.

```
.text, #text, p{  
    color:rgb(149, 239, 239)  
}
```

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(149, 239, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 239, 239) }
```

Border

The CSS property to change the border of an element to Android 4288016367 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(149, 239, 239) }
```

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

```
.border{ border-color:rgb(149, 239, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 239, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 239, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 239, 239);  
box-shadow:4px 4px 4px 4px rgb(149, 239,  
239) }
```

Background

The CSS property to change the background color of an element to Android 4288016367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 239, 239) }
```

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

```
.background{ background-color: rgb(149,  
239, 239) }
```

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