

Converting Colors

Android(4284022759)

Have a look what the booklet for
Android(4284022759) contains.

Android(4284022759)	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(4284022759)

Conversions

Conversions Part 1

Format	Color
Hex	58FFE7
RGB	88, 255, 231
RGB Percent	35%, 100%, 91%
CMY	0.6549, 0.0000, 0.0941
CMYK	0.65, 0.00, 0.09, 0.00
HSL	171°, 100%, 67%
HSV	171°, 65%, 100%
XYZ	54.2083, 79.3642, 88.0631
YIQ	202.3310, -91.8280, -42.8680

Conversions

Conversions Part 2

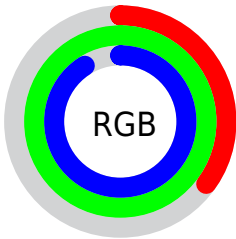
Format	Color
RYB	88, 178, 255
Decimal	5832679
CIELab	91.40, -48.28, -1.17
CIELCh	91, 48.293, 181.389
Yxy	79.3642, 0.2446, 0.3581
Android (android.graphics.Color)	4284022759 (0xFF58FFE7)
YUV	202.3310, 14.1338, -100.2683
Hunter-Lab	89.0866, -47.2861, 3.7518

Details

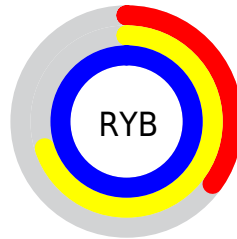
The Android color `4284022759` is a light color, and the websafe version is hex `33FFFF`. The color can be described as light muted cyan. A complement of this color would be `4294924400`, and the grayscale version is `4291480266`.

A 20% lighter version of the original color is `4288413695`, and `4278240688` is the 20% darker color. If you saturate the color by 10%, you get `4282384355`, and if you desaturate by 10%, it is `4285726699`.

Distribution



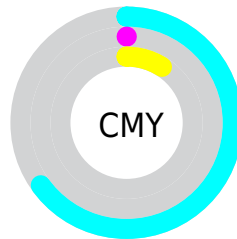
- Red (35%)
- Green (100%)
- Blue (91%)



- Red (35%)
- Yellow (70%)
- Blue (100%)



- Cyan (65%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)




- Cyan (65%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284022759 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 4284022759 by changing the saturation by 10% instead.

 4284022759

 4284022759

4294967295

 4281197259

 4288413695

 4278240688

 4290510847

 4278233749

 4292542463

 4278226555

 4294639615

 4278219874

 4278213195

 4278207028

 4278201375

 4278192648

■ 4284022759

■ 4284022759

■ 4282384355

■ 4285726699

■ 4280680416

■ 4287365102

■ 4279042012

■ 4289069042

■ 4278255578

■ 4290707446

■ 4292411385

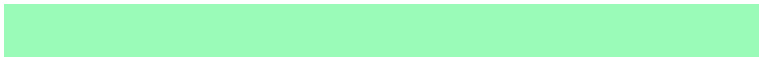
■ 4294049789

4294967295

Harmonies

Analogous

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



4288347064



4284022759



4278255359

Triad

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



4284022759



4293843711



4294956182

Complementary

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



4284022759



4294924400

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.



4294952632



4284022759



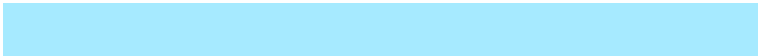
4294953727

Square

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



4284022759



4289129215



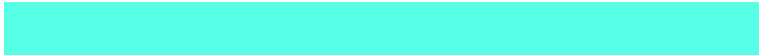
4294951654



4294960265

Rectangle

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



4284022759



4281203455



4294951654



4294954912

Sweetspot

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



4284022759



4291624952



4285661016



4284579963



4278190080



4286611584

Same Dimension

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



4284022759



4281794530



4284007935



4285759614



4278239140



4278206519

Inverse Universe

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



4294924400



4294915667



4294939224



4286608245



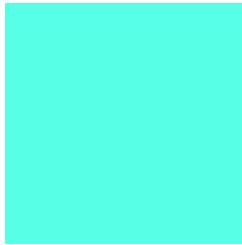
4290707483



4282384393

Previews

White Background



This preview shows how the Android color 4284022759 looks on a white background.

Color Contrast Check

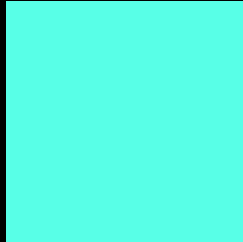
Large Text (above 18pt) WCAG AA × Fail

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 4284022759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

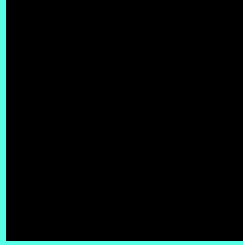
Any Text WCAG AA ✓ Pass

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 4284022759 Background



This preview shows how black text looks on a background with the Android color 4284022759.

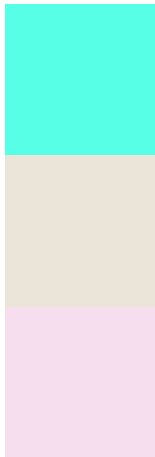


This preview shows how white text looks on a background with the Android color 4284022759.

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

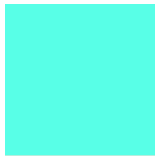


Original Color
4284022759

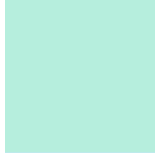
Protanopia
4293649624

Deuteranopia
4294369006

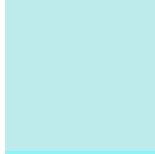
Trichromacy



Original Color
4284022759



Protanomaly
4290178781



Deuteranomaly
4290636523

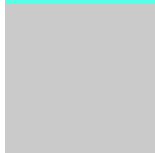


Tritanomaly
4287231990

Monochromacy



Original Color
4284022759



Achromatopsia
4291480266



Achromatomaly
4288798165

CSS Examples

Text

The CSS property to change the color of the text to Android 4284022759 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(88, 255, 231)` looks like.

```
.text, #text, p{  
    color:rgb(88, 255, 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(88, 255, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 255, 231) }
```

Border

The CSS property to change the border of an element to Android 4284022759 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(88, 255, 231) }
```

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

```
.border{ border-color:rgb(88, 255, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 255, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 255, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 255, 231);  
box-shadow:4px 4px 4px 4px rgb(88, 255,  
231) }
```

Background

The CSS property to change the background color of an element to Android 4284022759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 255, 231) }
```

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

```
.background{ background-color: rgb(88, 255,  
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