

Converting Colors

Android(4282119135)

Have a look what the booklet for
Android(4282119135) contains.

Android(4282119135)	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(4282119135)

Conversions

Conversions Part 1

Format	Color
Hex	3BF3DF
RGB	59, 243, 223
RGB Percent	23%, 95%, 87%
CMY	0.7686, 0.0471, 0.1255
CMYK	0.76, 0.00, 0.08, 0.05
HSL	173°, 88%, 59%
HSV	173°, 76%, 95%
XYZ	47.1735, 70.3587, 80.9063
YIQ	185.7040, -103.2440, -45.2280

Conversions

Conversions Part 2

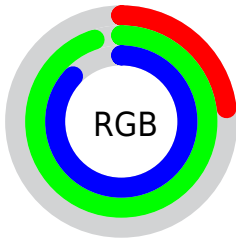
Format	Color
R _{YB}	59, 156, 243
Decimal	3929055
CIE Lab	87.17, -48.84, -3.27
CIE LCh	87, 48.944, 183.826
Yxy	70.3587, 0.2377, 0.3546
Android (android.graphics.Color)	4282119135 (0xFF3BF3DF)
YUV	185.7040, 18.3869, -111.1194
Hunter-Lab	83.8801, -46.4032, 1.5281

Details

The Android color **4282119135** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **4294130511**, and the grayscale version is **4290427578**.

A 20% lighter version of the original color is **4287037439**, and **4278237864** is the 20% darker color. If you saturate the color by 10%, you get **4280546268**, and if you desaturate by 10%, it is **4283692002**.

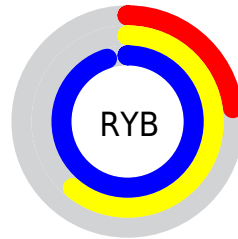
Distribution



Red (23%)

Green (95%)

Blue (87%)



Red (23%)

Yellow (61%)

Blue (95%)

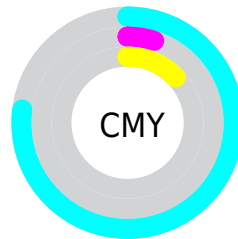


Cyan (76%)

Magenta (0%)

Yellow (8%)

Black (5%)



Cyan (77%)

Magenta (5%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282119135 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 4282119135 by changing the saturation by 10% instead.

 4282119135

 4282119135

4294967295

 4278245059

 4287037439

 4278237864

 4289200127

 4278230670

 4291297279

 4278223732

 4293394431

 4278217052

 4278210628

 4278204462

 4278198553

 4278190080

■ 4282119135

■ 4282119135

■ 4280546268

■ 4283692002

■ 4278907866

■ 4285330404

■ 4278252505

■ 4286903271

■ 4288476138

■ 4290114540

■ 4291687407

■ 4293260273

■ 4294833140

■ 4294964215

Harmonies

Analogous

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



4287164336



4282119135



4278252031

Triad

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



4282119135



4293381375



4294953352

Complementary

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



4282119135



4294130511

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.



4294949801



4282119135



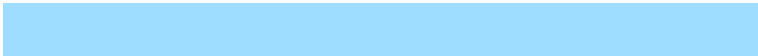
4294950143

Square

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



4282119135



4288601599



4294948310



4294171260

Rectangle

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



4282119135



4278251007



4294948310



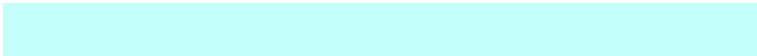
4294952081

Sweetspot

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



4282119135



4291100665



4283495227



4284252284



4278190080



4286611584

Same Dimension

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



4282119135



4279762918



4282100979



4285430393



4278237862



4278205236

Inverse Universe

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



4294130511



4294907696



4294148667



4286213743



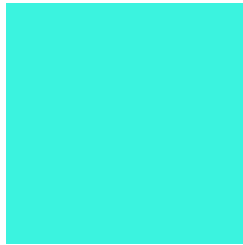
4290379796



4282056710

Previews

White Background



This preview shows how the Android color 4282119135 looks on a white background.

Color Contrast Check

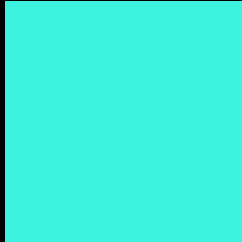
Large Text (above 18pt) WCAG AA × Fail

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 4282119135 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

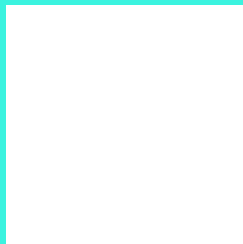
Any Text WCAG AAA ✓ Pass

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

Android 4282119135 Background



This preview shows how black text looks on a background with the Android color 4282119135.



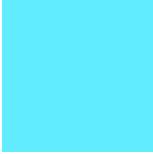
This preview shows how white text looks on a background with the Android color 4282119135.

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



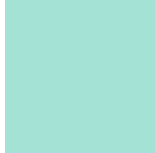


Tritanopia
4284607999

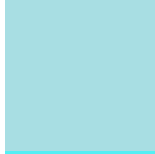
Trichromacy



Original Color
4282119135



Protanomaly
4288930517



Deuteranomaly
4289257187

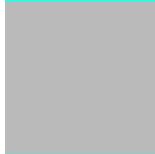


Tritanomaly
4283690995

Monochromacy



Original Color
4282119135



Achromatopsia
4290427578



Achromatomaly
4287418311

CSS Examples

Text

The CSS property to change the color of the text to Android 4282119135 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(59, 243, 223)` looks like.

```
.text, #text, p{  
    color:rgb(59, 243, 223)  
}
```

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(59, 243, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 243, 223) }
```

Border

The CSS property to change the border of an element to Android 4282119135 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(59, 243, 223) }
```

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

```
.border{ border-color:rgb(59, 243, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 243, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 243, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 243, 223);  
box-shadow:4px 4px 4px 4px rgb(59, 243,  
223) }
```

Background

The CSS property to change the background color of an element to Android 4282119135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 243, 223) }
```

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

```
.background{ background-color: rgb(59, 243,  
223) }
```

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