

Converting Colors

Android(4281655759)

Have a look what the booklet for
Android(4281655759) contains.

Android(4281655759)	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(4281655759)

Conversions

Conversions Part 1

Format	Color
Hex	34E1CF
RGB	52, 225, 207
RGB Percent	20%, 88%, 81%
CMY	0.7961, 0.1176, 0.1882
CMYK	0.77, 0.00, 0.08, 0.12
HSL	174°, 74%, 54%
HSV	174°, 77%, 88%
XYZ	39.6039, 59.0855, 68.3488
YIQ	171.2210, -97.3300, -42.2740

Conversions

Conversions Part 2

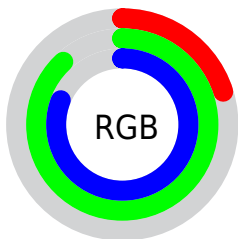
Format	Color
R _{YB}	52, 143, 225
Decimal	3465679
CIE Lab	81.34, -46.11, -3.42
CIE LCh	81, 46.236, 184.243
Yxy	59.0855, 0.2371, 0.3537
Android (android.graphics.Color)	4281655759 (0xFF34E1CF)
YUV	171.2210, 17.6390, -104.5568
Hunter-Lab	76.8671, -42.5497, 1.0874

Details

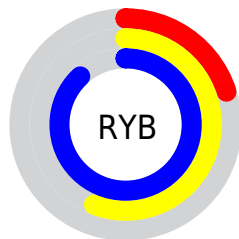
The Android color **4281655759** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **4292949062**, and the grayscale version is **4289440683**.

A 20% lighter version of the original color is **4286578687**, and **4278233497** is the 20% darker color. If you saturate the color by 10%, you get **4280148429**, and if you desaturate by 10%, it is **4283097553**.

Distribution



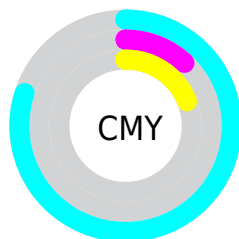
- Red (20%)
- Green (88%)
- Blue (81%)



- Red (20%)
- Yellow (56%)
- Blue (88%)



- Cyan (77%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)





- Cyan (80%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281655759 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 4281655759 by changing the saturation by 10% instead.

 4281655759

 4281655759

4294967295

 4278240692

 4286578687

 4278233497

 4288675839

 4278226559

 4290707455

 4278219622

 4292739071

 4278213198

4294836223

 4278206775

 4278201122

 4278192653

 4278190080

■ 4281655759

■ 4281655759

■ 4280148429

■ 4283097553

■ 4278706634

■ 4284604884

■ 4278247882

■ 4286046678

■ 4287554008

■ 4288995803

■ 4290503133

■ 4291944927

■ 4293452258

■ 4294894052

Harmonies

Analogous

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



4286373539



4281655759



4278247417

Triad

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



4281655759



4292328959



4294949501

Complementary

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



4281655759



4292949062

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.



4294946204



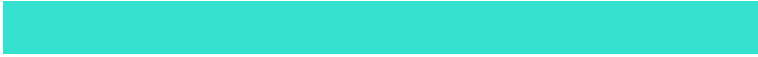
4281655759



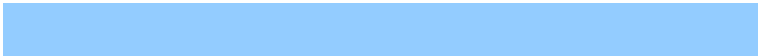
4294946545

Square

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



4281655759



4287876351



4294944965



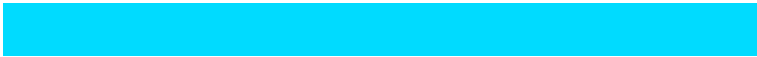
4292921970

Rectangle

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



4281655759



4278246399



4294944965



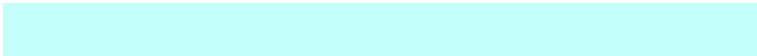
4294948229

Sweetspot

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



4281655759



4291100665



4282966324



4284252284



4278190080



4286611584

Same Dimension

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



4281655759



4279566311



4281638881



4284837999



4278235294



4278202411

Inverse Universe

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



4292949062



4294906925



4292965940



4285556070



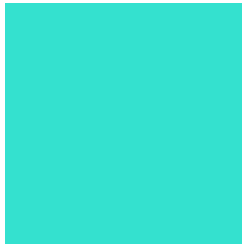
4289724434



4281335813

Previews

White Background



This preview shows how the Android color 4281655759 looks on a white background.

Color Contrast Check

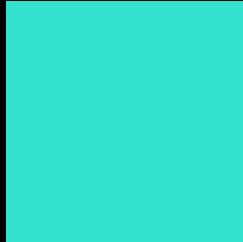
Large Text (above 18pt) WCAG AA × Fail

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 4281655759 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 4281655759 Background



This preview shows how black text looks on a background with the Android color 4281655759.

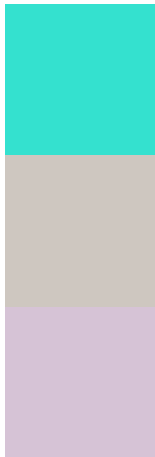


This preview shows how white text looks on a background with the Android color 4281655759.

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](#).

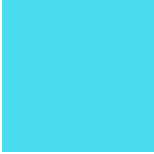
Dichromacy



Original Color
4281655759

Protanopia
4291741632

Deuteranopia
4292264918



Tritanopia
4283030766

Trichromacy



Original Color

4281655759



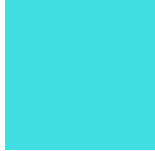
Protanomaly

4288073925



Deuteranomaly

4288401107



Tritanomaly

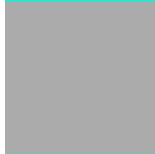
4282506979

Monochromacy



Original Color

4281655759



Achromatopsia

4289440683



Achromatomaly

4286627768

CSS Examples

Text

The CSS property to change the color of the text to Android 4281655759 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(52, 225, 207)` looks like.

```
.text, #text, p{  
    color:rgb(52, 225, 207)  
}
```

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(52, 225, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 225, 207) }
```

Border

The CSS property to change the border of an element to Android 4281655759 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(52, 225, 207) }
```

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

```
.border{ border-color:rgb(52, 225, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 225, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 225, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 225, 207);  
box-shadow:4px 4px 4px 4px rgb(52, 225,  
207) }
```

Background

The CSS property to change the background color of an element to Android 4281655759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 225, 207) }
```

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

```
.background{ background-color: rgb(52, 225,  
207) }
```

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