

Converting Colors

Android(4279693495)

Have a look what the booklet for
Android(4279693495) contains.

Android(4279693495)	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(4279693495)

Conversions

Conversions Part 1

Format	Color
Hex	16F0B7
RGB	22, 240, 183
RGB Percent	9%, 94%, 72%
CMY	0.9137, 0.0588, 0.2824
CMYK	0.91, 0.00, 0.24, 0.06
HSL	164°, 88%, 51%
HSV	164°, 91%, 94%
XYZ	40.0382, 65.9096, 55.4113
YIQ	168.3200, -111.6310, -63.9430

Conversions

Conversions Part 2

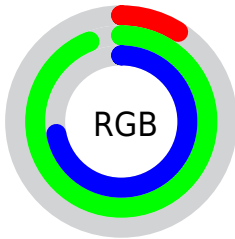
Format	Color
R_{YB}	22, 147, 240
Decimal	1503415
CIE _{Lab}	84.95, -60.32, 14.38
CIE _{LCh}	85, 62.006, 166.595
Yxy	65.9096, 0.2481, 0.4085
Android (android.graphics.Color)	4279693495 (0xFF16F0B7)
YUV	168.3200, 7.2372, -128.3226
Hunter-Lab	81.1848, -54.0418, 16.3619

Details

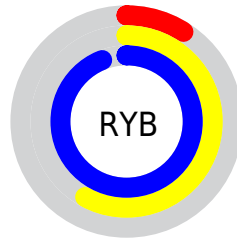
The Android color `4279693495` is a light color, and the websafe version is hex `33FFCC`. The color can be described as light washed spring green. A complement of this color would be `4293924431`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4285857775`, and `4278237058` is the 20% darker color. If you saturate the color by 10%, you get `4278251697`, and if you desaturate by 10%, it is `4281266365`.

Distribution



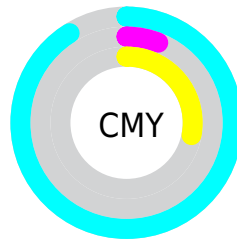
- Red (9%)
- Green (94%)
- Blue (72%)



- Red (9%)
- Yellow (58%)
- Blue (94%)



- Cyan (91%)
- Magenta (0%)
- Yellow (24%)
- Black (6%)



- Cyan (91%)
- Magenta (6%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279693495 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 4279693495 by changing the saturation by 10% instead.



4279693495



4279693495

4294967295



4278244252



4285857775



4278237058



4288086015



4278229865



4290183167



4278222929



4292280319



4278215993



4294377471



4278209572



4278203663



4278196736



4278190080

■ 4279693495

■ 4279693495

■ 4278251697

■ 4281266365

■ 4282839236

■ 4284412106

■ 4285984976

■ 4287557846

■ 4289130717

■ 4290703587

■ 4292276457

■ 4293849327

Harmonies

Analogous

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



4287949184



4279693495



4278252276

Triad

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



4279693495



4289515519



4294947457

Complementary

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



4279693495



4293924431

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.



4294943670



4279693495



4294949119

Square

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



4279693495



4278248191



4294944241



4294953055

Rectangle

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



4279693495



4278251775



4294944241



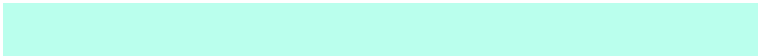
4294945937

Sweetspot

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



4279693495



4290445293



4283494422



4283924597



4278190080



4286611584

Same Dimension

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



4279693495



4278255548



4279680496



4285298805



4278237320



4278204457

Inverse Universe

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



4293924431



4294901827



4293937430



4286082159



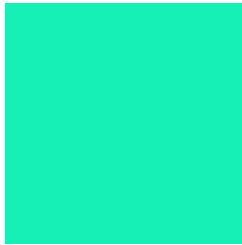
4290248752



4281860111

Previews

White Background



This preview shows how the Android color 4279693495 looks on a white background.

Color Contrast Check

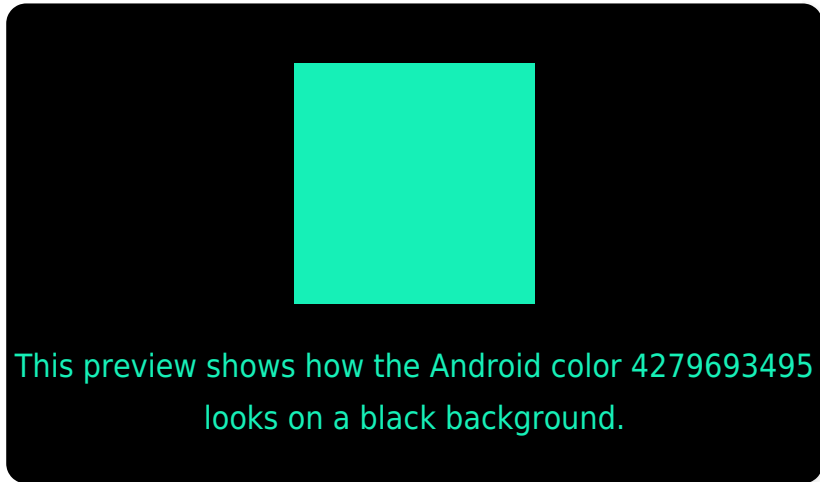
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

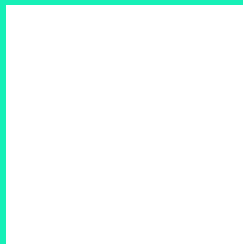
Any Text WCAG AAA ✓ Pass

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

Android 4279693495 Background



This preview shows how black text looks on a background with the Android color 4279693495.



This preview shows how white text looks on a background with the Android color 4279693495.

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



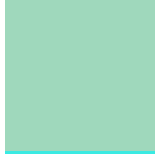
Original Color

4279693495



Protanomaly

4288077229



Deuteranomaly

4288665788



Tritanomaly

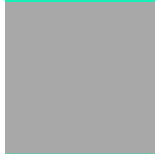
4282051298

Monochromacy



Original Color

4279693495



Achromatopsia

4289243304



Achromatomaly

4285776557

CSS Examples

Text

The CSS property to change the color of the text to Android 4279693495 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(22, 240, 183)` looks like.

```
.text, #text, p{  
    color:rgb(22, 240, 183)  
}
```

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(22, 240, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 240, 183) }
```

Border

The CSS property to change the border of an element to Android 4279693495 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(22, 240, 183) }
```

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

```
.border{ border-color:rgb(22, 240, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 240, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 240, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 240, 183);  
box-shadow:4px 4px 4px 4px rgb(22, 240,  
183) }
```

Background

The CSS property to change the background color of an element to Android 4279693495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 240, 183) }
```

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

```
.background{ background-color: rgb(22, 240,  
183) }
```

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