

# Converting Colors

Android(4279631793)

Have a look what the booklet for  
Android(4279631793) contains.

<b>Android(4279631793)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4279631793)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15FFB1
RGB	21, 255, 177
RGB Percent	8%, 100%, 69%
CMY	0.9176, 0.0000, 0.3059
CMYK	0.92, 0.00, 0.31, 0.00
HSL	160°, 100%, 54%
HSV	160°, 92%, 100%
XYZ	44.0051, 74.8538, 53.7239
YIQ	176.1420, -114.4260, -73.8660

# Conversions

## Conversions Part 2

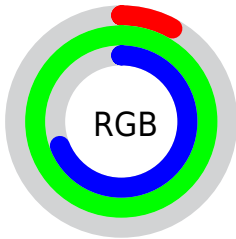
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 161, 255
Decimal	1441713
CIE <sub>Lab</sub>	89.32, -67.18, 23.55
CIE <sub>LCh</sub>	89, 71.190, 160.679
Yxy	74.8538, 0.2550, 0.4337
Android (android.graphics.Color)	4279631793 (0xFF15FFB1)
YUV	176.1420, 0.4230, -136.0595
Hunter-Lab	86.5181, -60.6174, 23.7462

# Details

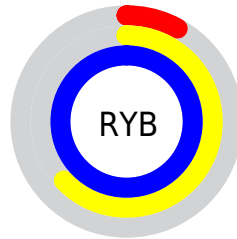
The Android color `4279631793` is a light color, and the websafe version is hex `33FF99`. The color can be described as light washed spring green. A complement of this color would be `4294907235`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4286054377`, and `4278240636` is the 20% darker color. If you saturate the color by 10%, you get `4278255530`, and if you desaturate by 10%, it is `4281335737`.

# Distribution



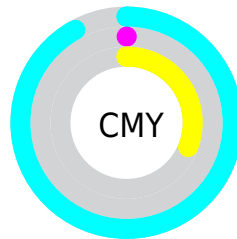
- Red (8%)
- Green (100%)
- Blue (69%)



- Red (8%)
- Yellow (63%)
- Blue (100%)



- Cyan (92%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (92%)
- Magenta (0%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279631793 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 4279631793 by changing the saturation by 10% instead.



 4279631793

 4279631793

4294967295

 4278248086

 4286054377

 4278240636

 4288282623

 4278233443

 4290445311

 4278226250

 4292607999

 4278219315

 4294705151

 4278212637

 4278206214

 4278199808

 4278190080

■ 4279631793

■ 4279631793

■ 4278255530

■ 4281335737

■ 4282974146

■ 4284678090

■ 4286316499

■ 4287954907

■ 4289658852

■ 4291362796

■ 4293001205

■ 4294705150

# Harmonies

## Analogous

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



4289066356



4279631793



4278255608

# Triad

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



4279631793



4287750399



4294947723

# Complementary

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



4279631793



4294907235

# 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.



4294943947



4279631793



4294952191

# Square

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



4279631793



4278252799



4294946047



4294954333

# Rectangle

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



4279631793



4278255615



4294946047



4294945951

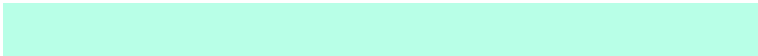


# Sweetspot

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



4279631793



4290314215



4284743445



4283727985



4278190080



4286611584



# Same Dimension

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



4279631793



4278255530



4279621887



4285759611



4278239103



4278206506



# Inverse Universe

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



4294907235



4294901845



4294917141



4286608247



4290707520

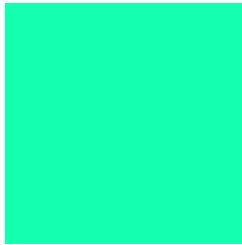


4282384405



# Previews

## White Background



This preview shows how the Android color 4279631793 looks on a white background.

## Color Contrast Check

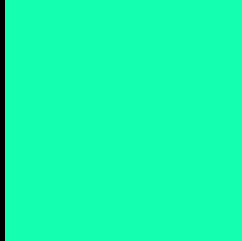
Large Text (above 18pt) WCAG AA × Fail

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 4279631793 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

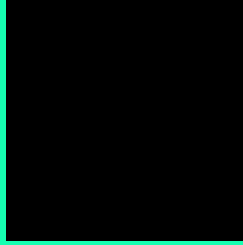
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4279631793 Background



This preview shows how black text looks on a background with the Android color 4279631793.



This preview shows how white text looks on a background with the Android color 4279631793.

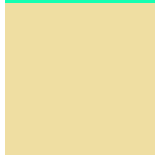
# Color Blindness Simulation

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](#).

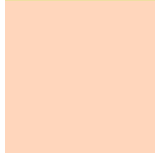
## Dichromacy




**Original Color**  
4279631793



**Protanopia**  
4293910178



**Deuteranopia**  
4294956732



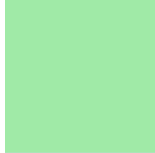
**Tritanopia**  
4287033343

# Trichromacy



**Original Color**

4279631793



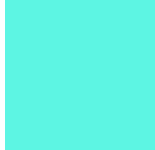
**Protanomaly**

4288735911



**Deuteranomaly**

4289390008



**Tritanomaly**

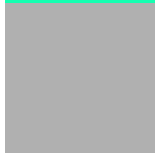
4284347875

# Monochromacy



**Original Color**

4279631793



**Achromatopsia**

4289769648



**Achromatomaly**

4286107056

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279631793 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(21, 255, 177)` looks like.

```
.text, #text, p{  
    color:rgb(21, 255, 177)  
}
```

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(21, 255, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 255, 177) }
```

## Border

The CSS property to change the border of an element to Android 4279631793 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(21, 255, 177) }
```

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

```
.border{ border-color:rgb(21, 255, 177) }
```

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

Here you see how a box with a 4 pixel rgb(21, 255, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 255, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 255, 177);  
box-shadow:4px 4px 4px 4px rgb(21, 255,  
177) }
```

# Background

The CSS property to change the background color of an element to Android 4279631793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 255, 177) }
```

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

```
.background{ background-color: rgb(21, 255,  
177) }
```

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