

# Converting Colors

Android(4279689954)

Have a look what the booklet for  
Android(4279689954) contains.

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# **Color**

**Android(4279689954)**

# Conversions

## Conversions Part 1

Format	Color
Hex	16E2E2
RGB	22, 226, 226
RGB Percent	9%, 89%, 89%
CMY	0.9137, 0.1137, 0.1137
CMYK	0.90, 0.00, 0.00, 0.11
HSL	180°, 82%, 49%
HSV	180°, 90%, 89%
XYZ	41.2547, 60.0543, 81.3688
YIQ	165.0040, -121.5840, -43.2480

# Conversions

## Conversions Part 2

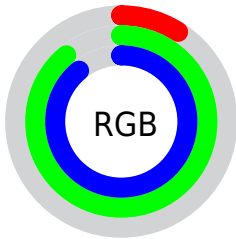
Format	Color
R <sub>YB</sub>	22, 124, 226
Decimal	1499874
CIE <sub>Lab</sub>	81.87, -43.27, -12.76
CIE <sub>LCh</sub>	82, 45.113, 196.426
Y <sub>xy</sub>	60.0543, 0.2258, 0.3287
Android (android.graphics.Color)	4279689954 (0xFF16E2E2)
YUV	165.0040, 30.0710, -125.4145
Hunter-Lab	77.4947, -40.5903, -8.0077

# Details

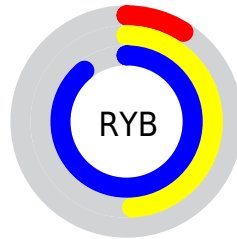
The Android color `4279689954` is a light color, and the websafe version is hex `00CCCC`. The color can be described as light washed cyan. A complement of this color would be `4293006870`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4285923327`, and `4278233771` is the 20% darker color. If you saturate the color by 10%, you get `4278248162`, and if you desaturate by 10%, it is `4281197282`.

# Distribution



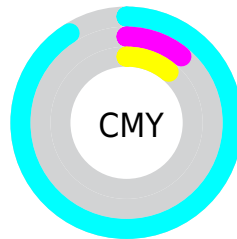
- Red (9%)
- Green (89%)
- Blue (89%)



- Red (9%)
- Yellow (49%)
- Blue (89%)



- Cyan (90%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (91%)
- Magenta (11%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279689954 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 4279689954 by changing the saturation by 10% instead.



 4279689954

 4279689954

4294967295

 4278240966

 4285923327

 4278233771

 4288151551

 4278226832

 4290248703

 4278220151

 4292345855

 4278213470

 4294443007

 4278207046

 4278201392

 4278193692

 4278190080

■ 4279689954

■ 4279689954

■ 4278248162

■ 4281197282

■ 4282639074

■ 4284146402

■ 4285588194

■ 4287095522

■ 4288602850

■ 4290044642

■ 4291551970

■ 4292993762

# Harmonies

## Analogous

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



4285063606



4279689954



4278247167

# Triad

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



4279689954



4293769471



4294492793

# Complementary

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



4279689954



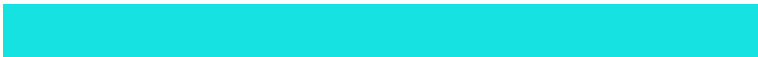
4293006870

# 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.



4294947984



4279689954



4294946017

# Square

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



4279689954



4289972479



4294945718



4291874937

# Rectangle

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



4279689954



4283161087



4294945718



4294950271

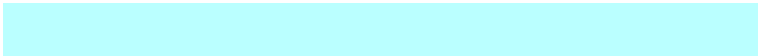


# Sweetspot

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



4279689954



4290445311



4279689750



4283924608



4278190080



4286611584



# Same Dimension

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



4279689954



4278255615



4279663842



4284838000



4278235312



4278202416



# Inverse Universe

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



4293007074



4294902015



4293032982



4285556080



4289724592

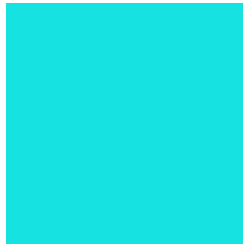


4281335856



# Previews

## White Background



This preview shows how the Android color 4279689954 looks on a white background.

## Color Contrast Check

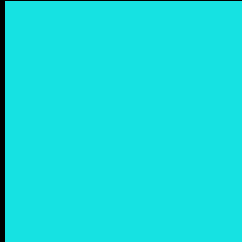
Large Text (above 18pt) WCAG AA × Fail

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 4279689954 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 4279689954 Background



This preview shows how black text looks on a background with the Android color 4279689954.



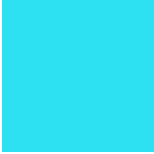
This preview shows how white text looks on a background with the Android color 4279689954.

# 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



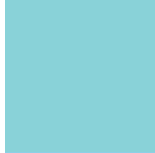


**Tritanopia**  
4281196786

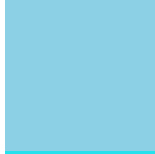
# Trichromacy



**Original Color**  
4279689954



**Protanomaly**  
4287222488



**Deuteranomaly**  
4287418598

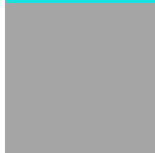


**Tritanomaly**  
4280672748

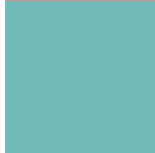
# Monochromacy



**Original Color**  
4279689954



**Achromatopsia**  
4289045925



**Achromatomaly**  
4285643707

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279689954 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, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(22, 226, 226)  
}
```

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, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 226, 226) }
```

## Border

The CSS property to change the border of an element to Android 4279689954 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, 226, 226) }
```

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

```
.border{ border-color:rgb(22, 226, 226) }
```

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

Here you see how a box with a 4 pixel rgb(22, 226, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(22, 226,  
226) }
```

# Background

The CSS property to change the background color of an element to Android 4279689954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 226, 226) }
```

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

```
.background{ background-color: rgb(22, 226,  
226) }
```

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](#).



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