

# Converting Colors

Android(4279812802)

Have a look what the booklet for  
Android(4279812802) contains.

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# **Color**

**Android(4279812802)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18C2C2
RGB	24, 194, 194
RGB Percent	9%, 76%, 76%
CMY	0.9059, 0.2392, 0.2392
CMYK	0.88, 0.00, 0.00, 0.24
HSL	180°, 78%, 43%
HSV	180°, 88%, 76%
XYZ	29.4061, 42.6728, 57.7257
YIQ	143.1700, -101.3200, -36.0400

# Conversions

## Conversions Part 2

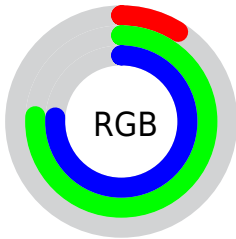
Format	Color
<a href="#">RYB</a>	24, 109, 194
Decimal	1622722
CIELab	71.33, -38.26, -11.30
CIELCh	71, 39.894, 196.450
Yxy	42.6728, 0.2265, 0.3287
Android (android.graphics.Color)	4279812802 (0xFF18C2C2)
YUV	143.1700, 25.0592, -104.5121
Hunter-Lab	65.3244, -33.9652, -6.6662

# Details

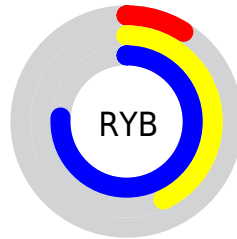
The Android color `4279812802` is a dark color, and the websafe version is hex `33CCCC`. The color can be described as middle washed cyan. A complement of this color would be `4290910232`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4285398010`, and `4278226060` is the 20% darker color. If you saturate the color by 10%, you get `4278567618`, and if you desaturate by 10%, it is `4281057986`.

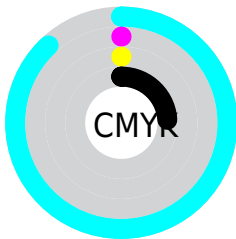
# Distribution



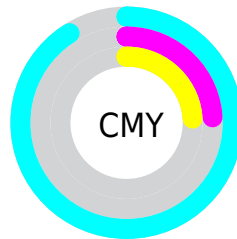
- Red (9%)
- Green (76%)
- Blue (76%)



- Red (9%)
- Yellow (43%)
- Blue (76%)



- Cyan (88%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



- Cyan (91%)
- Magenta (24%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279812802 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 4279812802 by changing the saturation by 10% instead.



 4279812802

 4279812802

4294967295

 4278232743

 4285398010


 4278226060

 4287496191

 4278219379

 4289527807

 4278212699

 4291559423

 4278206531

 4293591039

 4278200877

 4278192665

 4278190080

 4279812802

 4279812802

■ 4278567618

■ 4281057986

■ 4278239938

■ 4282368706

■ 4283613890

■ 4284924610

■ 4286169794

■ 4287414978

■ 4288725698

■ 4289970882

■ 4291281602

# Harmonies

## Analogous

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



4284137884



4279812802



4278239202

# Triad

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



4279812802



4291600097



4292192104

# Complementary

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



4279812802



4290910232

# 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.



4293761660



4279812802



4293629121

# Square

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



4279812802



4288326644



4294349724



4289901416

# Rectangle

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



4279812802



4282497777



4294349724



4292780909

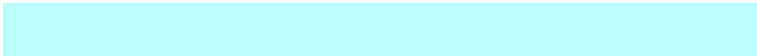


# Sweetspot

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



4279812802



4290510076



4279812632



4283990144



4278190080



4286611584



# Same Dimension

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



4279812802



4278254844



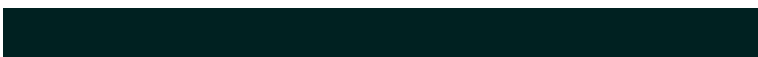
4279791042



4283916641



4278231457



4278198561



# Inverse Universe

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



4290910402



4294705404



4290931992



4284569441



4288741537

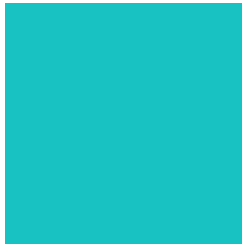


4280352801



# Previews

## White Background



This preview shows how the Android color 4279812802 looks on a white background.

## Color Contrast Check

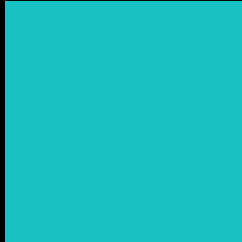
Large Text (above 18pt) WCAG AA × Fail

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 4279812802 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

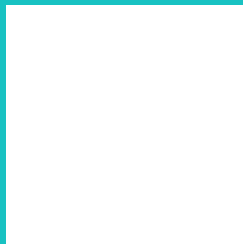
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279812802 Background



This preview shows how black text looks on a background with the Android color 4279812802.



This preview shows how white text looks on a background with the Android color 4279812802.

# 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**

4279812802



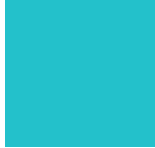
**Protanomaly**

4286035130



**Deuteranomaly**

4286231238



**Tritanomaly**

4280533451

# Monochromacy



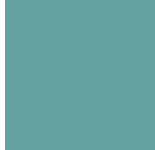
**Original Color**

4279812802



**Achromatopsia**

4287598479



**Achromatomaly**

4284785314

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279812802 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(24, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(24, 194, 194)  
}
```

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(24, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 194, 194) }
```

## Border

The CSS property to change the border of an element to Android 4279812802 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(24, 194, 194) }
```

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

```
.border{ border-color:rgb(24, 194, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(24, 194,  
194) }
```

# Background

The CSS property to change the background color of an element to Android 4279812802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 194, 194) }
```

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

```
.background{ background-color: rgb(24, 194,  
194) }
```

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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