

Converting Colors

Android(4278240694)

Have a look what the booklet for
Android(4278240694) contains.

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Color

Android(4278240694)

Conversions

Conversions Part 1

Format	Color
Hex	00C5B6
RGB	0, 197, 182
RGB Percent	0%, 77%, 71%
CMY	1.0000, 0.2275, 0.2863
CMYK	1.00, 0.00, 0.08, 0.23
HSL	175°, 100%, 39%
HSV	175°, 100%, 77%
XYZ	28.4097, 43.3099, 51.1183
YIQ	136.3870, -112.5970, -46.4290

Conversions

Conversions Part 2

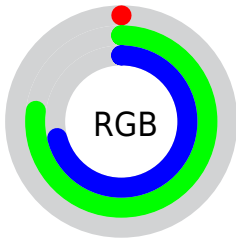
Format	Color
RYB	0, 102, 197
Decimal	50614
CIELab	71.76, -43.99, -4.12
CIELCh	72, 44.182, 185.355
Yxy	43.3099, 0.2313, 0.3526
Android (android.graphics.Color)	4278240694 (0xFF00C5B6)
YUV	136.3870, 22.4872, -119.6114
Hunter-Lab	65.8103, -38.1110, 0.0135

Details

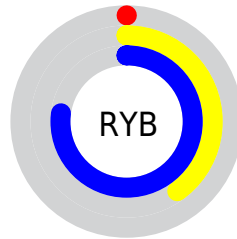
The Android color **4278240694** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **4291100687**, and the grayscale version is **4287137928**.

A 20% lighter version of the original color is **4285005550**, and **4278226561** is the 20% darker color. If you saturate the color by 10%, you get **4278240694**, and if you desaturate by 10%, it is **4279551416**.

Distribution



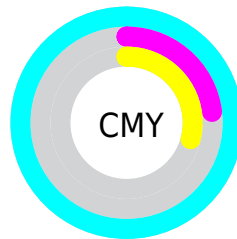
- Red (0%)
- Green (77%)
- Blue (71%)



- Red (0%)
- Yellow (40%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278240694 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 4278240694 by changing the saturation by 10% instead.

 4278240694

 4278240694

4294967295

 4278233499

 4285005550

 4278226561

 4287102975

 4278219880

 4289200127

 4278213200

 4291231743

 4278207033

 4293263359

 4278201380

 4278193423

 4278190080

 4278240694

 4279551416

 4280796601

 4282107323

 4283418044

 4284728766

 4285973951

 4287284673

 4288595394

 4289840580

Harmonies

Analogous

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



4284793485



4278240694



4278240221

Triad

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



4278240694



4290618354



4293173863

Complementary

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



4278240694



4291100687

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.



4294612355



4278240694



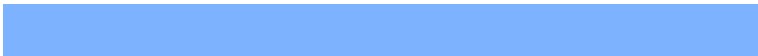
4293432786

Square

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



4278240694



4286427903



4294741930



4290949214

Rectangle

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



4278240694



4278239473



4294741930



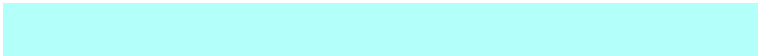
4293762415

Sweetspot

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



4278240694



4289986553



4279289088



4283596924



4278190080



4286611584

Same Dimension

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



4278240694



4278255596



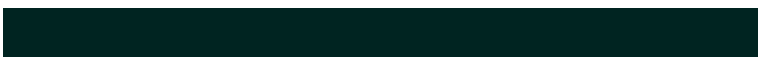
4278219717



4284113763



4278231959



4278199329

Inverse Universe

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



4291100687



4294901779



4291121664



4284701274



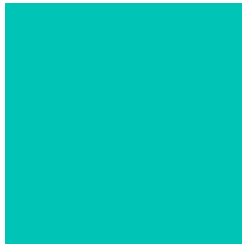
4288872460



4280549379

Previews

White Background



This preview shows how the Android color 4278240694 looks on a white background.

Color Contrast Check

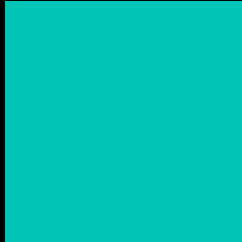
Large Text (above 18pt) WCAG AA × Fail

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 4278240694 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

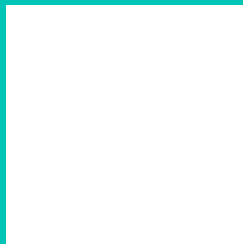
Any Text WCAG AAA ✓ Pass

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

Android 4278240694 Background



This preview shows how black text looks on a background with the Android color 4278240694.

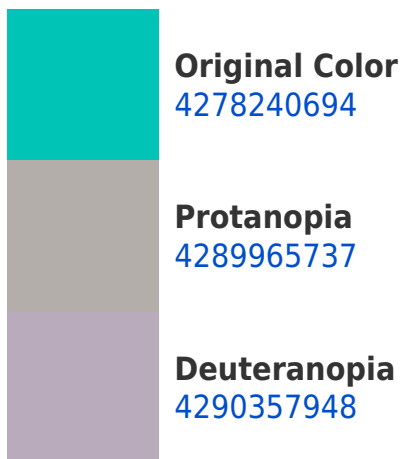


This preview shows how white text looks on a background with the Android color 4278240694.

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

4278240694



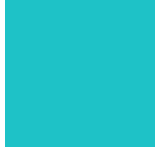
Protanomaly

4285707950



Deuteranomaly

4285969594



Tritanomaly

4280206023

Monochromacy



Original Color

4278240694



Achromatopsia

4287137928



Achromatomaly

4283932313

CSS Examples

Text

The CSS property to change the color of the text to Android 4278240694 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(0, 197, 182)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 182)  
}
```

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(0, 197, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 182) }
```

Border

The CSS property to change the border of an element to Android 4278240694 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(0, 197, 182) }
```

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

```
.border{ border-color:rgb(0, 197, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 197, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 182);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
182) }
```

Background

The CSS property to change the background color of an element to Android 4278240694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 182) }
```

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

```
.background{ background-color: rgb(0, 197,  
182) }
```

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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