

Converting Colors

Android(4278249122)

Have a look what the booklet for
Android(4278249122) contains.

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Color

Android(4278249122)

Conversions

Conversions Part 1

Format	Color
Hex	00E6A2
RGB	0, 230, 162
RGB Percent	0%, 90%, 64%
CMY	1.0000, 0.0980, 0.3647
CMYK	1.00, 0.00, 0.30, 0.10
HSL	162°, 100%, 45%
HSV	162°, 100%, 90%
XYZ	34.8184, 59.2023, 43.7745
YIQ	153.4780, -115.2520, -69.9080

Conversions

Conversions Part 2

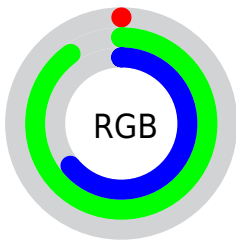
Format	Color
RYB	0, 135, 230
Decimal	59042
CIELab	81.40, -62.08, 20.33
CIELCh	81, 65.320, 161.871
Yxy	59.2023, 0.2527, 0.4296
Android (android.graphics.Color)	4278249122 (0xFF00E6A2)
YUV	153.4780, 4.2013, -134.6002
Hunter-Lab	76.9430, -53.8751, 20.1288

Details

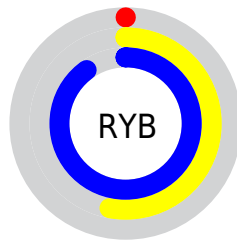
The Android color `4278249122` is a dark color, and the websafe version is hex `00CC99`. The color can be described as middle washed spring green. A complement of this color would be `4293263428`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4285399001`, and `4278234478` is the 20% darker color. If you saturate the color by 10%, you get `4278249122`, and if you desaturate by 10%, it is `4279756457`.

Distribution



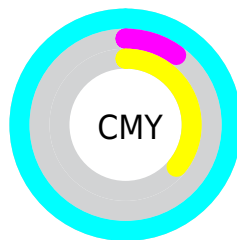
- Red (0%)
- Green (90%)
- Blue (64%)



- Red (0%)
- Yellow (53%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)



- Cyan (100%)
- Magenta (10%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278249122 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 4278249122 by changing the saturation by 10% instead.

 4278249122

 4278249122

4294967295

 4278241672

 4285399001

 4278234478

 4287627254

 4278227285

 4289724415

 4278220606

 4291821567

 4278213671

 4293853183

 4278207250

 4278201344

 4278192640

 4278190080

 4278249122

 4279756457

 4281263792

 4282771126

 4284278461

 4285785796

 4287293131

 4288800466

 4290307800

 4291815135

Harmonies

Analogous

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



4287815275



4278249122



4278249953

Triad

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



4278249122



4287220223



4294943611

Complementary

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



4278249122



4293263428

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.



4294939828



4278249122



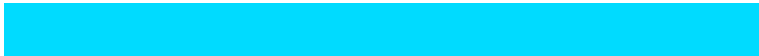
4293832959

Square

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



4278249122



4278246399



4294941426



4294949459

Rectangle

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



4278249122



4278249471



4294941426



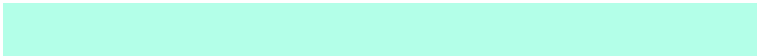
4294941837

Sweetspot

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



4278249122



4289986536



4282770944



4283596914



4278190080



4286611584

Same Dimension

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



4278249122



4278255540



4278237414



4284969839



4278236030



4278203172

Inverse Universe

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



4293263428



4294901835



4293275136



4285753195



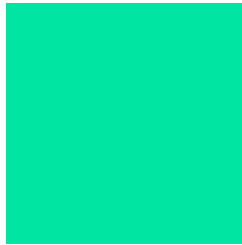
4289921077



4281532431

Previews

White Background



This preview shows how the Android color 4278249122 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 4278249122 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 4278249122 Background



This preview shows how black text looks on a background with the Android color 4278249122.

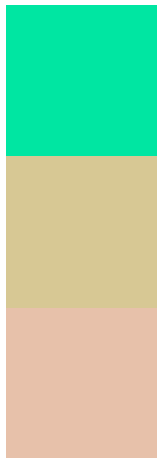


This preview shows how white text looks on a background with the Android color 4278249122.

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](#).

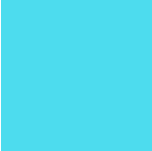
Dichromacy



Original Color
4278249122

Protanopia
4292331668

Deuteranopia
4293378474



Tritanopia
4283292910

Trichromacy



Original Color

4278249122



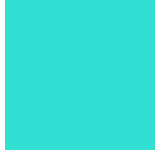
Protanomaly

4287222681



Deuteranomaly

4287876775



Tritanomaly

4281458898

Monochromacy



Original Color

4278249122



Achromatopsia

4288256409



Achromatomaly

4284593564

CSS Examples

Text

The CSS property to change the color of the text to Android 4278249122 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, 230, 162)` looks like.

```
.text, #text, p{  
    color:rgb(0, 230, 162)  
}
```

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, 230, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 230, 162) }
```

Border

The CSS property to change the border of an element to Android 4278249122 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, 230, 162) }
```

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

```
.border{ border-color:rgb(0, 230, 162) }
```

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

Here you see how a box with a 4 pixel rgb(0, 230, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 230, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 230, 162);  
box-shadow:4px 4px 4px 4px rgb(0, 230,  
162) }
```

Background

The CSS property to change the background color of an element to Android 4278249122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 230, 162) }
```

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

```
.background{ background-color: rgb(0, 230,  
162) }
```

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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