

Converting Colors

Android(4278249609)

Have a look what the booklet for
Android(4278249609) contains.

| | |
|--|----|
| Android(4278249609) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Android(4278249609)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00E889 |
| RGB | 0, 232, 137 |
| RGB Percent | 0%, 91%, 54% |
| CMY | 1.0000, 0.0902, 0.4627 |
| CMYK | 1.00, 0.00, 0.41, 0.09 |
| HSL | 155°, 100%, 45% |
| HSV | 155°, 100%, 91% |
| XYZ | 33.3720, 59.5194, 33.3964 |
| YIQ | 151.8020, -107.7770, -78.7290 |

Conversions

Conversions Part 2

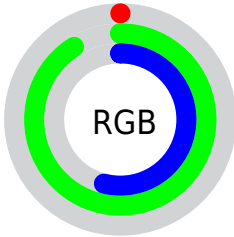
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 146, 232 |
| Decimal | 59529 |
| CIELab | 81.58, -67.85, 33.36 |
| CIELCh | 82, 75.606, 153.821 |
| Yxy | 59.5194, 0.2643, 0.4713 |
| Android (android.graphics.Color) | 4278249609 (0xFF00E889) |
| YUV | 151.8020, -7.2974, -133.1304 |
| Hunter-Lab | 77.1488, -57.7973, 28.3385 |

Details

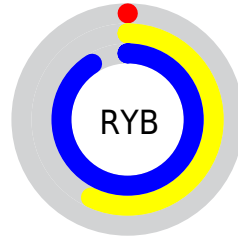
The Android color `4278249609` is a dark color, and the websafe version is hex `33FF99`. The color can be described as dark washed spring green. A complement of this color would be `4293394527`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4285398975`, and `4278234966` is the 20% darker color. If you saturate the color by 10%, you get `4278249609`, and if you desaturate by 10%, it is `4279756947`.

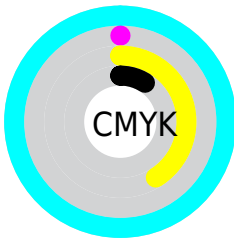
Distribution



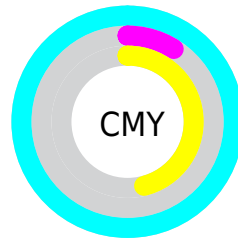
- Red (0%)
- Green (91%)
- Blue (54%)



- Red (0%)
- Yellow (57%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278249609 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 4278249609 by changing the saturation by 10% instead.



4278249609



4278249609

4294967295



4278242159



4285398975



4278234966



4287627227



4278227773



4289724408



4278220837



4291821567



4278214156



4293853183



4278207488



4278201344



4278192896



4278190080

 4278249609

 4279756947

 4281264284

 4282837158

 4284344495

 4285851833

 4287359170

 4288866508

 4290439381

 4291946719

Harmonies

Analogous

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



4288601419



4278249609



4278250962

Triad

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



4278249609



4278898943



4294939776

Complementary

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



4278249609



4293394527

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.



4294936517



4278249609



4292392191

Square

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



4278249609



4278248191



4294940415



4294946887

Rectangle

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



4278249609



4278250751



4294940415



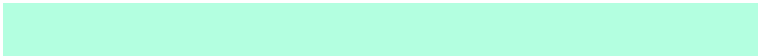
4294938006

Sweetspot

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



4278249609



4289986528



4284606464



4283596909



4278190080



4286611584

Same Dimension

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



4278249609



4278255511



4278244840



4284969838



4278236009



4278203166

Inverse Universe

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



4293394527



4294901864



4293399296



4285753196



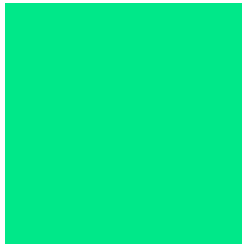
4289921097



4281532437

Previews

White Background



This preview shows how the Android color 4278249609 looks on a white background.

Color Contrast Check

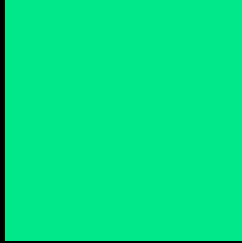
Large Text (above 18pt) WCAG AA × Fail

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 4278249609 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 4278249609 Background



This preview shows how black text looks on a background with the Android color 4278249609.



This preview shows how white text looks on a background with the Android color 4278249609.

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



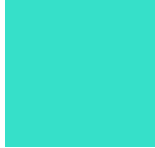
Original Color
4278249609



Protanomaly
4287353985



Deuteranomaly
4288139151



Tritanomaly
4281786569

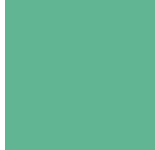
Monochromacy



Original Color
4278249609



Achromatopsia
4288190616



Achromatomaly
4284593555

CSS Examples

Text

The CSS property to change the color of the text to Android 4278249609 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, 232, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 232, 137)  
}
```

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, 232, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 232, 137) }
```

Border

The CSS property to change the border of an element to Android 4278249609 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, 232, 137) }
```

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

```
.border{ border-color:rgb(0, 232, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 232, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 232, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 232, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 232,  
137) }
```

Background

The CSS property to change the background color of an element to Android 4278249609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 232, 137) }
```

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

```
.background{ background-color: rgb(0, 232,  
137) }
```

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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