

Converting Colors

Android(4278248584)

Have a look what the booklet for
Android(4278248584) contains.

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Color

Android(4278248584)

Conversions

Conversions Part 1

Format	Color
Hex	00E488
RGB	0, 228, 136
RGB Percent	0%, 89%, 53%
CMY	1.0000, 0.1059, 0.4667
CMYK	1.00, 0.00, 0.40, 0.11
HSL	156°, 100%, 45%
HSV	156°, 100%, 89%
XYZ	32.1873, 57.2644, 32.6492
YIQ	149.3400, -106.3560, -76.9480

Conversions

Conversions Part 2

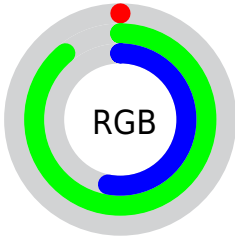
Format	Color
RYB	0, 143, 228
Decimal	58504
CIELab	80.33, -66.69, 32.22
CIELCh	80, 74.068, 154.216
Yxy	57.2644, 0.2636, 0.4690
Android (android.graphics.Color)	4278248584 (0xFF00E488)
YUV	149.3400, -6.5766, -130.9712
Hunter-Lab	75.6732, -56.5038, 27.3906

Details

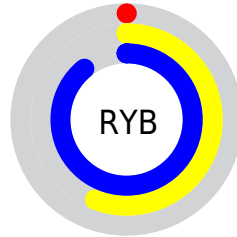
The Android color **4278248584** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **4293132380**, and the grayscale version is **4287993237**.

A 20% lighter version of the original color is **4285333438**, and **4278233941** is the 20% darker color. If you saturate the color by 10%, you get **4278248584**, and if you desaturate by 10%, it is **4279755921**.

Distribution



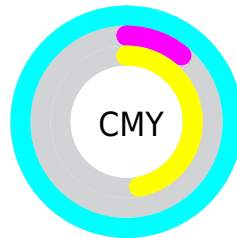
- Red (0%)
- Green (89%)
- Blue (53%)



- Red (0%)
- Yellow (56%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278248584 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 4278248584 by changing the saturation by 10% instead.

 4278248584

 4278248584

4294967295

 4278241134

 4285333438

 4278233941

 4287561690

 4278226749

 4289658871

 4278219813

 4291690495

 4278213132

 4293787647

 4278206720

 4278200576

 4278190592

 4278190080

 4278248584

 4279755921

 4281263258

 4282705060


 4284212397

 4285719734

 4287227071

 4288734408

 4290176210

 4291683547

Harmonies

Analogous

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



4288403787



4278248584



4278249679

Triad

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



4278248584



4280470783



4294939261

Complementary

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



4278248584



4293132380

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.



4294936000



4278248584



4292260351

Square

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



4278248584



4278247167



4294939647



4294946119

Rectangle

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



4278248584



4278249726



4294939647



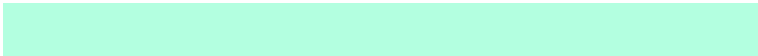
4294937491

Sweetspot

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



4278248584



4289986528



4284474368



4283596909



4278190080



4286611584

Same Dimension

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



4278248584



4278255512



4278243812



4284969838



4278236010



4278203166

Inverse Universe

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



4293132380



4294901863



4293137152



4285753196



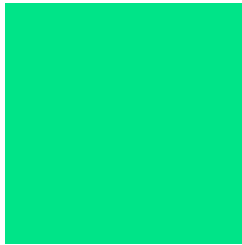
4289921096



4281532437

Previews

White Background



This preview shows how the Android color 4278248584 looks on a white background.

Color Contrast Check

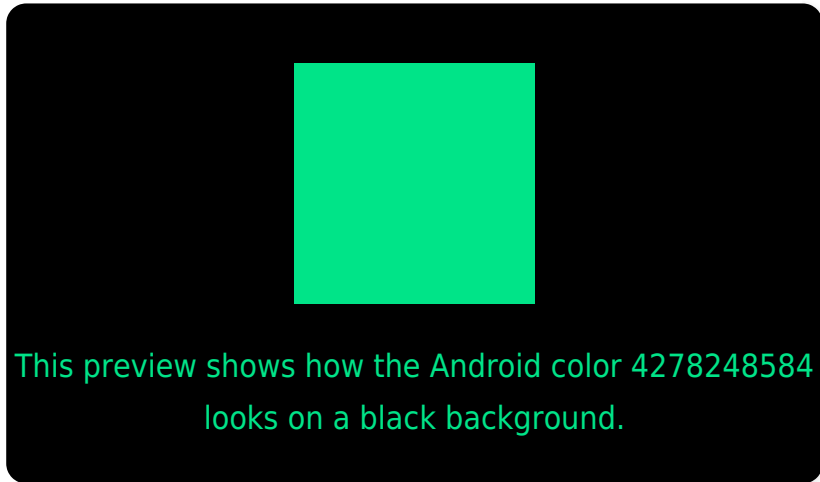
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 4278248584 Background



This preview shows how black text looks on a background with the Android color 4278248584.

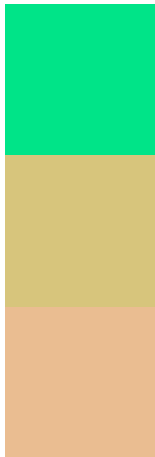


This preview shows how white text looks on a background with the Android color 4278248584.

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](#).

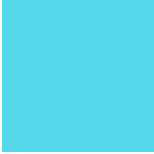
Dichromacy



Original Color
4278248584

Protanopia
4292330876

Deuteranopia
4293574033



Tritanopia
4283685098

Trichromacy



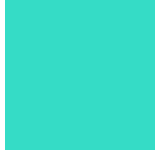
Original Color
4278248584



Protanomaly
4287221888



Deuteranomaly
4288007054



Tritanomaly
4281720006

Monochromacy



Original Color
4278248584



Achromatopsia
4287993237



Achromatomaly
4284461712

CSS Examples

Text

The CSS property to change the color of the text to Android 4278248584 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, 228, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 228, 136)  
}
```

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, 228, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 228, 136) }
```

Border

The CSS property to change the border of an element to Android 4278248584 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, 228, 136) }
```

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

```
.border{ border-color:rgb(0, 228, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 228, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 228, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 228, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 228,  
136) }
```

Background

The CSS property to change the background color of an element to Android 4278248584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 228, 136) }
```

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

```
.background{ background-color: rgb(0, 228,  
136) }
```

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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