

Converting Colors

Android(4278246267)

Have a look what the booklet for
Android(4278246267) contains.

Android(4278246267)	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(4278246267)

Conversions

Conversions Part 1

Format	Color
Hex	00DB7B
RGB	0, 219, 123
RGB Percent	0%, 86%, 48%
CMY	1.0000, 0.1412, 0.5176
CMYK	1.00, 0.00, 0.44, 0.14
HSL	154°, 100%, 43%
HSV	154°, 100%, 86%
XYZ	28.9067, 52.0931, 27.2703
YIQ	142.5750, -99.7080, -76.2840

Conversions

Conversions Part 2

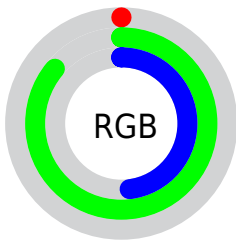
Format	Color
RYB	0, 140, 219
Decimal	56187
CIELab	77.34, -66.07, 34.86
CIELCh	77, 74.698, 152.184
Yxy	52.0931, 0.2670, 0.4811
Android (android.graphics.Color)	4278246267 (0xFF00DB7B)
YUV	142.5750, -9.6505, -125.0383
Hunter-Lab	72.1755, -54.8171, 28.1211

Details

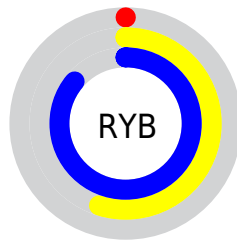
The Android color `4278246267` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4292542560`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4285202353`, and `4278231624` is the 20% darker color. If you saturate the color by 10%, you get `4278246267`, and if you desaturate by 10%, it is `4279688069`.

Distribution



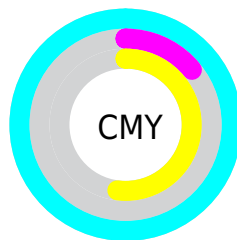
- Red (0%)
- Green (86%)
- Blue (48%)



- Red (0%)
- Yellow (55%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278246267 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 4278246267 by changing the saturation by 10% instead.

 4278246267

 4278246267

4294967295

 4278238817

 4285202353

 4278231624

 4287365068

 4278224688

 4289462249

 4278217751

 4291493887

 4278211072

 4293525503


 4278204928

 4278198528

 4278190080

 4278246267

 4279688069

 4281129870

 4282571672


 4284013473

 4285455275

 4286831541

 4288273342

 4289715144

 4291156945

Harmonies

Analogous

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



4288139326



4278246267



4278247618

Triad

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



4278246267



4278240767



4294936441

Complementary

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



4278246267



4292542560

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.



4294933693



4278246267



4291209983

Square

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



4278246267



4278245375



4294937855



4294943552

Rectangle

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



4278246267



4278247665



4294937855



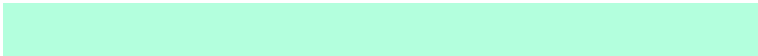
4294934927

Sweetspot

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



4278246267



4289986525



4284734208



4283596907



4278190080



4286611584

Same Dimension

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



4278246267



4278255503



4278243547



4284706409



4278234465



4278201882

Inverse Universe

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



4292542560



4294901872



4292545280



4285424487



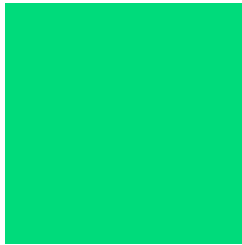
4289527884



4281204756

Previews

White Background



This preview shows how the Android color 4278246267 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 4278246267 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 4278246267 Background



This preview shows how black text looks on a background with the Android color 4278246267.

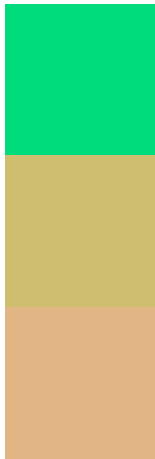


This preview shows how white text looks on a background with the Android color 4278246267.

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
4278246267

Protanopia
4291804528

Deuteranopia
4293047684

Trichromacy



Original Color

4278246267



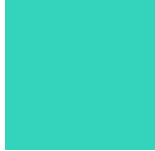
Protanomaly

4286892148



Deuteranomaly

4287677313



Tritanomaly

4281652155

Monochromacy



Original Color

4278246267



Achromatopsia

4287598479



Achromatomaly

4284197768

CSS Examples

Text

The CSS property to change the color of the text to Android 4278246267 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, 219, 123)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 123)  
}
```

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, 219, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 123) }
```

Border

The CSS property to change the border of an element to Android 4278246267 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, 219, 123) }
```

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

```
.border{ border-color:rgb(0, 219, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 219, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 219, 123);  
box-shadow:4px 4px 4px 4px rgb(0, 219,  
123) }
```

Background

The CSS property to change the background color of an element to Android 4278246267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 219, 123) }
```

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

```
.background{ background-color: rgb(0, 219,  
123) }
```

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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