

Converting Colors

Android(4278246400)

Have a look what the booklet for
Android(4278246400) contains.

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Color

Android(4278246400)

Conversions

Conversions Part 1

Format	Color
Hex	00DC00
RGB	0, 220, 0
RGB Percent	0%, 86%, 0%
CMY	1.0000, 0.1373, 1.0000
CMYK	1.00, 0.00, 1.00, 0.14
HSL	120°, 100%, 43%
HSV	120°, 100%, 86%
XYZ	25.5932, 51.1864, 8.5311
YIQ	129.1400, -60.5000, -115.0600

Conversions

Conversions Part 2

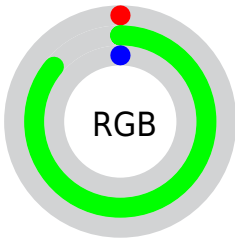
Format	Color
RYB	0, 220, 220
Decimal	56320
CIELab	76.79, -77.09, 74.40
CIELCh	77, 107.141, 136.016
Yxy	51.1864, 0.3000, 0.6000
Android (android.graphics.Color)	4278246400 (0xFF00DC00)
YUV	129.1400, -63.6660, -113.2558
Hunter-Lab	71.5447, -61.3496, 43.0115

Details

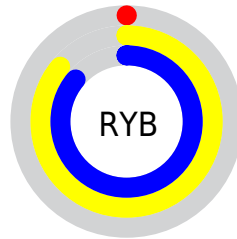
The Android color **4278246400** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **4292608220**, and the grayscale version is **4286743170**.

A 20% lighter version of the original color is **4285464405**, and **4278231808** is the 20% darker color. If you saturate the color by 10%, you get **4278246400**, and if you desaturate by 10%, it is **4279688214**.

Distribution



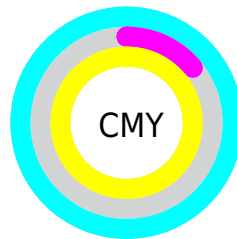
- Red (0%)
- Green (86%)
- Blue (0%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Android color 4278246400 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 4278246400 by changing the saturation by 10% instead.

 4278246400

 4278246400

4294967295

 4278238976

 4285464405

 4278231808

 4287692658

 4278224896

 4289855375

 4278217984

 4291887020

 4278211072

 4293984202

 4278204928


 4294967271

 4278198272

 4278190080

 4278246400

 4279688214

 4281130028

 4282571842

 4284013656

 4285455470

 4286897284

 4288339098

 4289780912

 4291222726

Harmonies

Analogous

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



4289972480



4278246400



4278248842

Triad

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



4278246400



4278245375



4294915470

Complementary

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



4278246400



4292608220

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.



4294918640



4278246400



4278237439

Square

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



4278246400



4278248959



4294936063



4294931754

Rectangle

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



4278246400



4278249424



4294936063



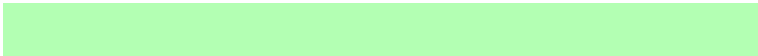
4294912174

Sweetspot

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



4278246400



4289986483



4292664320



4283596882



4278190080



4286611584

Same Dimension

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



4278246400



4278255360



4278246510



4284706403



4278234368



4278201856

Inverse Universe

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



4292608220



4294902015



4292608110



4285424494



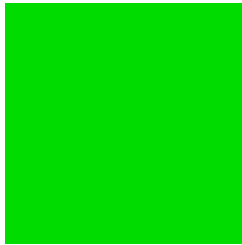
4289527981



4281204782

Previews

White Background



This preview shows how the Android color 4278246400 looks on a white background.

Color Contrast Check

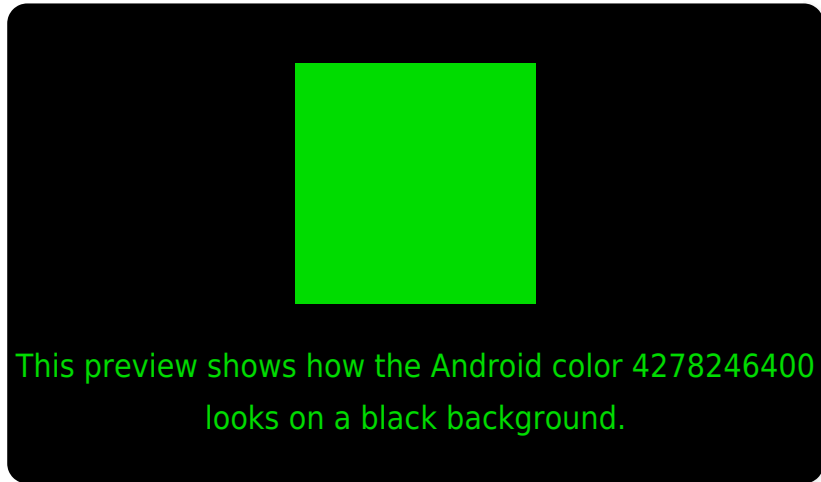
Large Text (above 18pt) WCAG AA × Fail

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

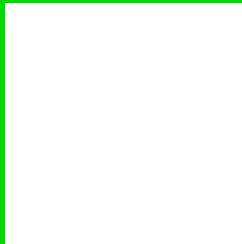
Any Text WCAG AAA ✓ Pass

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

Android 4278246400 Background



This preview shows how black text looks on a background with the Android color 4278246400.

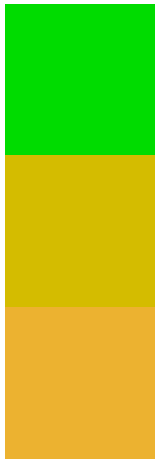


This preview shows how white text looks on a background with the Android color 4278246400.

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

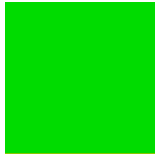


Original Color
4278246400

Protanopia
4292131840

Deuteranopia
4293702192

Trichromacy



Original Color

4278246400



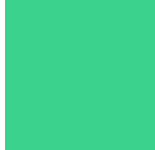
Protanomaly

4287088640



Deuteranomaly

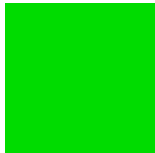
4288069919



Tritanomaly

4282110605

Monochromacy



Original Color

4278246400



Achromatopsia

4286677377



Achromatomaly

4283605586

CSS Examples

Text

The CSS property to change the color of the text to Android 4278246400 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, 220, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 220, 0)  
}
```

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, 220, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 220, 0) }
```

Border

The CSS property to change the border of an element to Android 4278246400 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, 220, 0) }
```

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

```
.border{ border-color:rgb(0, 220, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 220, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 220, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 220, 0); box-shadow:4px  
4px 4px 4px rgb(0, 220, 0) }
```

Background

The CSS property to change the background color of an element to Android 4278246400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 220, 0) }
```

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

```
.background{ background-color: rgb(0, 220,  
0) }
```

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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