

Converting Colors

Android(4278246942)

Have a look what the booklet for
Android(4278246942) contains.

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Color

Android(4278246942)

Conversions

Conversions Part 1

Format	Color
Hex	00DE1E
RGB	0, 222, 30
RGB Percent	0%, 87%, 12%
CMY	1.0000, 0.1294, 0.8824
CMYK	1.00, 0.00, 0.86, 0.13
HSL	128°, 100%, 44%
HSV	128°, 100%, 87%
XYZ	26.3556, 52.3363, 9.9411
YIQ	133.7340, -70.6800, -106.7760

Conversions

Conversions Part 2

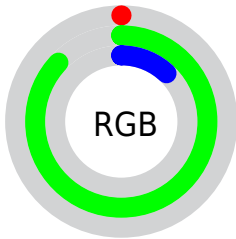
Format	Color
RYB	0, 196, 222
Decimal	56862
CIELab	77.48, -76.89, 71.12
CIELCh	77, 104.736, 137.233
Yxy	52.3363, 0.2974, 0.5905
Android (android.graphics.Color)	4278246942 (0xFF00DE1E)
YUV	133.7340, -51.1409, -117.2847
Hunter-Lab	72.3438, -61.5723, 42.4933

Details

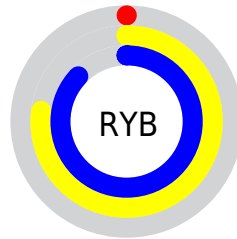
The Android color `4278246942` is a dark color, and the websafe version is hex `00CC00`. The color can be described as dark washed green. A complement of this color would be `4292739264`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4285464416`, and `4278232320` is the 20% darker color. If you saturate the color by 10%, you get `4278246942`, and if you desaturate by 10%, it is `4279688753`.

Distribution



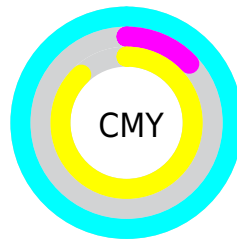
- Red (0%)
- Green (87%)
- Blue (12%)



- Red (0%)
- Yellow (77%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (86%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278246942 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 4278246942 by changing the saturation by 10% instead.

 4278246942

 4278246942

4294967295

 4278239488

 4285464416


 4278232320

 4287692669

 4278225152

 4289789849

 4278218240

 4291887030

 4278211584

 4293984211

 4278205440


 4294967281

 4278198528

 4278190080

 4278246942

 4279688753

 4281130564

 4282637912


 4284079723

 4285521534

 4286963345

 4288405156

 4289912504

 4291354315

Harmonies

Analogous

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



4289907712



4278246942



4278249361

Triad

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



4278246942



4278245375



4294919052

Complementary

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



4278246942



4292739264

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.



4294920941



4278246942



4278237439

Square

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



4278246942



4278249215



4294936319



4294933547

Rectangle

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



4278246942



4278249941



4294936319



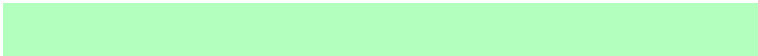
4294916524

Sweetspot

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



4278246942



4289986493



4290829824



4283596888



4278190080



4286611584

Same Dimension

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



4278246942



4278255394



4278247053



4284837990



4278235160



4278202375

Inverse Universe

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



4292739264



4294901981



4292739153



4285556079



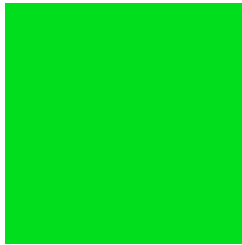
4289724568



4281335850

Previews

White Background



This preview shows how the Android color 4278246942 looks on a white background.

Color Contrast Check

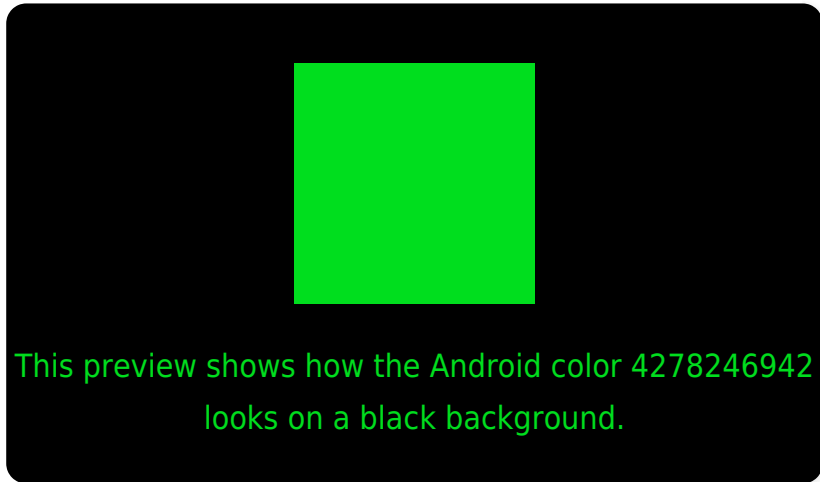
Large Text (above 18pt) WCAG AA × Fail

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

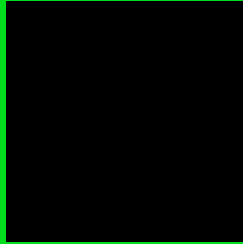
Any Text WCAG AA ✓ Pass

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 4278246942 Background



This preview shows how black text looks on a background with the Android color 4278246942.



This preview shows how white text looks on a background with the Android color 4278246942.

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](#).

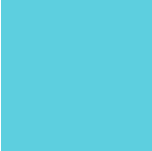
Dichromacy



Original Color
4278246942

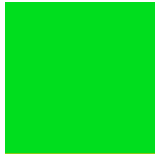
Protanopia
4292263443

Deuteranopia
4293833784



Tritanopia
4284338143

Trichromacy



Original Color

4278246942



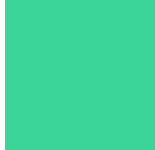
Protanomaly

4287154711



Deuteranomaly

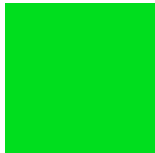
4288135983



Tritanomaly

4282111129

Monochromacy



Original Color

4278246942



Achromatopsia

4287006342



Achromatomaly

4283803232

CSS Examples

Text

The CSS property to change the color of the text to Android 4278246942 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, 222, 30)` looks like.

```
.text, #text, p{  
    color:rgb(0, 222, 30)  
}
```

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, 222, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 222, 30) }
```

Border

The CSS property to change the border of an element to Android 4278246942 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, 222, 30) }
```

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

```
.border{ border-color:rgb(0, 222, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 222, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 222, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 222, 30);  
box-shadow:4px 4px 4px 4px rgb(0, 222, 30)  
}
```

Background

The CSS property to change the background color of an element to Android 4278246942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 222, 30) }
```

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

```
.background{ background-color: rgb(0, 222,  
30) }
```

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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