

Converting Colors

Android(4278252151)

Have a look what the booklet for
Android(4278252151) contains.

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Color

Android(4278252151)

Conversions

Conversions Part 1

Format	Color
Hex	00F277
RGB	0, 242, 119
RGB Percent	0%, 95%, 47%
CMY	1.0000, 0.0510, 0.5333
CMYK	1.00, 0.00, 0.51, 0.05
HSL	150°, 100%, 47%
HSV	150°, 100%, 95%
XYZ	35.0819, 64.8362, 28.1184
YIQ	155.6200, -104.7490, -89.5570

Conversions

Conversions Part 2

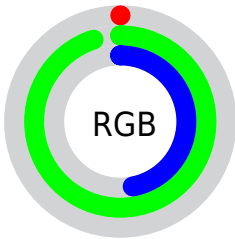
Format	Color
RYB	0, 162, 242
Decimal	62071
CIELab	84.40, -74.09, 45.74
CIELCh	84, 87.075, 148.312
Yxy	64.8362, 0.2740, 0.5064
Android (android.graphics.Color)	4278252151 (0xFF00F277)
YUV	155.6200, -18.0537, -136.4787
Hunter-Lab	80.5209, -63.1415, 35.6602

Details

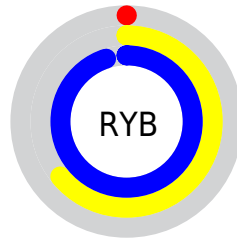
The Android color `4278252151` is a dark color, and the websafe version is hex `00FF99`. The color can be described as dark saturated spring green. A complement of this color would be `4294049915`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4285595565`, and `4278237251` is the 20% darker color. If you saturate the color by 10%, you get `4278252151`, and if you desaturate by 10%, it is `4279825027`.

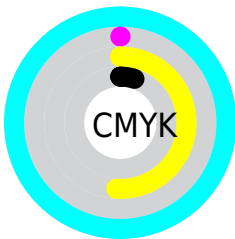
Distribution



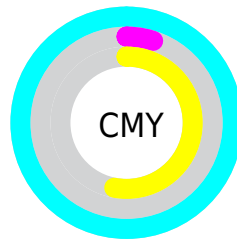
- Red (0%)
- Green (95%)
- Blue (47%)



- Red (0%)
- Yellow (64%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (5%)



- Cyan (100%)
- Magenta (5%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278252151 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 4278252151 by changing the saturation by 10% instead.

 4278252151

 4278252151

4294967295

 4278244701

 4285595565

 4278237251

 4287889353

 4278230057

 4289986534

 4278223113

 4292083711

 4278216192

 4294180863

 4278209536

 4278203392

 4278196224

 4278190080

 4278252151

 4279825027

 4281397904

 4283036316

 4284609192

 4286182069

 4287754945

 4289327821

 4290966233

 4292539110

Harmonies

Analogous

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



4289651753



4278252151



4278253771

Triad

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



4278252151



4278247167



4294937226

Complementary

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



4278252151



4294049915

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.



4294934491



4278252151



4291280895

Square

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



4278252151



4278251775



4294940927



4294945858

Rectangle

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



4278252151



4278254079



4294940927



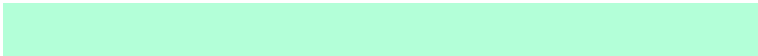
4294935204

Sweetspot

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



4278252151



4289986520



4286444032



4283596904



4278190080



4286611584

Same Dimension

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



4278252151



4278255485



4278252270



4285298802



4278237274



4278204444

Inverse Universe

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



4294049915



4294901890



4294049796



4286082162



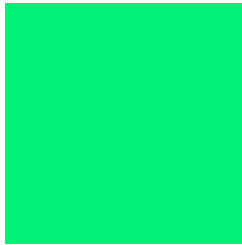
4290248797



4281860125

Previews

White Background



This preview shows how the Android color 4278252151 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 4278252151 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 4278252151 Background



This preview shows how black text looks on a background with the Android color 4278252151.

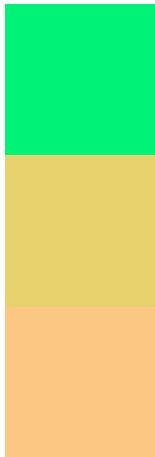


This preview shows how white text looks on a background with the Android color 4278252151.

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
4278252151

Protanopia
4293316972

Deuteranopia
4294756226

Trichromacy



Original Color

4278252151



Protanomaly

4287815024



Deuteranomaly

4288731006



Tritanomaly

4282116552

Monochromacy



Original Color

4278252151



Achromatopsia

4288453788



Achromatomaly

4284726159

CSS Examples

Text

The CSS property to change the color of the text to Android 4278252151 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, 242, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 242, 119)  
}
```

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, 242, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 242, 119) }
```

Border

The CSS property to change the border of an element to Android 4278252151 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, 242, 119) }
```

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

```
.border{ border-color:rgb(0, 242, 119) }
```

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

Here you see how a box with a 4 pixel rgb(0, 242, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 242, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 242, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 242,  
119) }
```

Background

The CSS property to change the background color of an element to Android 4278252151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 242, 119) }
```

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

```
.background{ background-color: rgb(0, 242,  
119) }
```

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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