

Converting Colors

Android(4278253438)

Have a look what the booklet for
Android(4278253438) contains.

Android(4278253438)	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(4278253438)

Conversions

Conversions Part 1

Format	Color
Hex	00F77E
RGB	0, 247, 126
RGB Percent	0%, 97%, 49%
CMY	1.0000, 0.0314, 0.5059
CMYK	1.00, 0.00, 0.49, 0.03
HSL	151°, 100%, 48%
HSV	151°, 100%, 97%
XYZ	37.0267, 68.0279, 30.9179
YIQ	159.3530, -108.3710, -89.9950

Conversions

Conversions Part 2

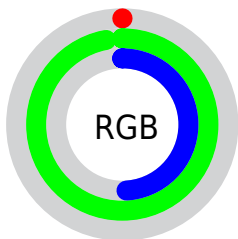
Format	Color
RYB	0, 164, 247
Decimal	63358
CIELab	86.02, -74.57, 44.44
CIELCh	86, 86.811, 149.207
Yxy	68.0279, 0.2723, 0.5003
Android (android.graphics.Color)	4278253438 (0xFF00F77E)
YUV	159.3530, -16.4430, -139.7526
Hunter-Lab	82.4790, -64.2057, 35.5100

Details

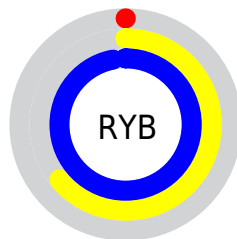
The Android color **4278253438** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **4294377593**, and the grayscale version is **4288716960**.

A 20% lighter version of the original color is **4285726644**, and **4278238538** is the 20% darker color. If you saturate the color by 10%, you get **4278253438**, and if you desaturate by 10%, it is **4279891850**.

Distribution



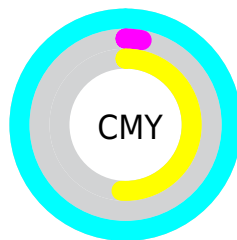
- Red (0%)
- Green (97%)
- Blue (49%)



- Red (0%)
- Yellow (64%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (3%)



- Cyan (100%)
- Magenta (3%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278253438 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 4278253438 by changing the saturation by 10% instead.

 4278253438

 4278253438

4294967295

 4278245988

 4285726644

 4278238538

 4287954897

 4278231344

 4290117613

 4278224148

 4292214783

 4278217216

 4294311935

 4278210560

 4278204416

 4278197504

 4278190080

 4278253438

 4279891850

 4281464726

 4283103138

 4284741550

 4286379963

 4287952839

 4289591251

 4291229663

 4292802539

Harmonies

Analogous

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



4289784370



4278253438



4278255058

Triad

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



4278253438



4278248191



4294938764

Complementary

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



4278253438



4294377593

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.



4294935773



4278253438



4291871487

Square

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



4278253438



4278253055



4294941951



4294947397

Rectangle

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



4278253438



4278255359



4294941951



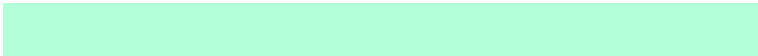
4294936742

Sweetspot

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



4278253438



4289986522



4286379776



4283596905



4278190080



4286611584

Same Dimension

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



4278253438



4278255490



4278253559



4285430388



4278237791



4278205214

Inverse Universe

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



4294377593



4294901885



4294377472



4286213748



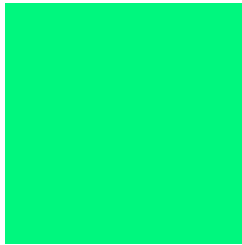
4290379867



4282056733

Previews

White Background



This preview shows how the Android color 4278253438 looks on a white background.

Color Contrast Check

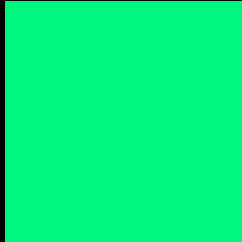
Large Text (above 18pt) WCAG AA × Fail

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 4278253438 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 4278253438 Background



This preview shows how black text looks on a background with the Android color 4278253438.

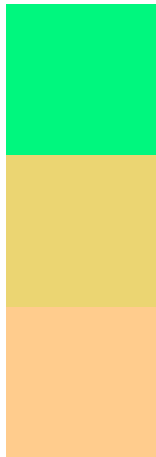


This preview shows how white text looks on a background with the Android color 4278253438.

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
4278253438

Protanopia
4293645682

Deuteranopia
4294954125

Trichromacy



Original Color

4278253438



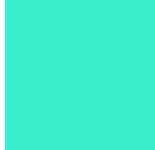
Protanomaly

4288078198



Deuteranomaly

4288863368



Tritanomaly

4282183374

Monochromacy



Original Color

4278253438



Achromatopsia

4288651167



Achromatomaly

4284858259

CSS Examples

Text

The CSS property to change the color of the text to Android 4278253438 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, 247, 126)` looks like.

```
.text, #text, p{  
    color:rgb(0, 247, 126)  
}
```

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, 247, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 247, 126) }
```

Border

The CSS property to change the border of an element to Android 4278253438 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, 247, 126) }
```

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

```
.border{ border-color:rgb(0, 247, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 247, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 247, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 247, 126);  
box-shadow:4px 4px 4px 4px rgb(0, 247,  
126) }
```

Background

The CSS property to change the background color of an element to Android 4278253438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 247, 126) }
```

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

```
.background{ background-color: rgb(0, 247,  
126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor