

Converting Colors

Android(4278252877)

Have a look what the booklet for
Android(4278252877) contains.

Android(4278252877)	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(4278252877)

Conversions

Conversions Part 1

Format	Color
Hex	00F54D
RGB	0, 245, 77
RGB Percent	0%, 96%, 30%
CMY	1.0000, 0.0392, 0.6980
CMYK	1.00, 0.00, 0.69, 0.04
HSL	139°, 100%, 48%
HSV	139°, 100%, 96%
XYZ	33.9920, 65.8406, 17.9381
YIQ	152.5930, -92.0920, -104.1880

Conversions

Conversions Part 2

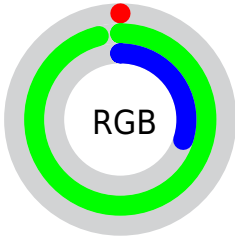
Format	Color
RYB	0, 186, 245
Decimal	62797
CIELab	84.92, -80.07, 64.35
CIELCh	85, 102.725, 141.212
Yxy	65.8406, 0.2886, 0.5591
Android (android.graphics.Color)	4278252877 (0xFF00F54D)
YUV	152.5930, -37.2673, -133.8241
Hunter-Lab	81.1422, -67.2220, 43.6923

Details

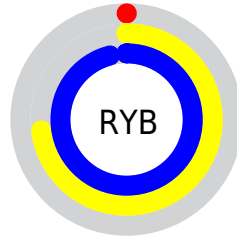
The Android color `4278252877` is a dark color, and the websafe version is hex `00FF66`. The color can be described as dark saturated green. A complement of this color would be `4294246568`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4285792133`, and `4278237952` is the 20% darker color. If you saturate the color by 10%, you get `4278252877`, and if you desaturate by 10%, it is `4279825758`.

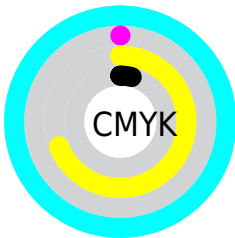
Distribution



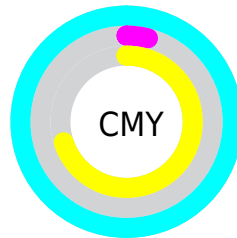
- Red (0%)
- Green (96%)
- Blue (30%)



- Red (0%)
- Yellow (73%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278252877 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 4278252877 by changing the saturation by 10% instead.

 4278252877

 4278252877

4294967295

 4278245423

 4285792133

 4278237952

 4288020386

 4278230784

 4290248638

 4278223616

 4292345819

 4278216704

 4294443001

 4278210048

 4278203648

 4278196736

 4278190080

 4278252877

 4279825758

 4281464175

 4283102591

 4284675472

 4286313889

 4287886770

 4289459651

 4291098067

 4292736484

Harmonies

Analogous

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



4290634752



4278252877



4278255027

Triad

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



4278252877



4278249727



4294929300

Complementary

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



4278252877



4294246568

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.



4294928373



4278252877



4287219711

Square

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



4278252877



4278254335



4294940415



4294941239

Rectangle

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



4278252877



4278255607



4294940415



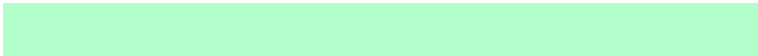
4294927028

Sweetspot

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



4278252877



4289986507



4289459456



4283596896



4278190080



4286611584

Same Dimension

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



4278252877



4278255440



4278252996



4285430386



4278237755



4278205202

Inverse Universe

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



4294246568



4294901935



4294246449



4286213751



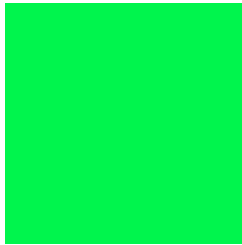
4290379904



4282056744

Previews

White Background



This preview shows how the Android color 4278252877 looks on a white background.

Color Contrast Check

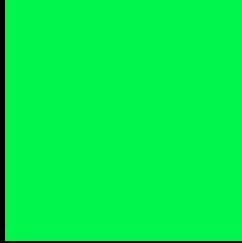
Large Text (above 18pt) WCAG AA × Fail

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 4278252877 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

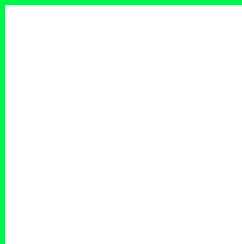
Any Text WCAG AAA ✓ Pass

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

Android 4278252877 Background



This preview shows how black text looks on a background with the Android color 4278252877.

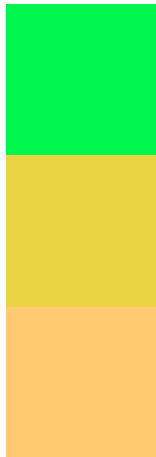


This preview shows how white text looks on a background with the Android color 4278252877.

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

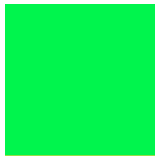


Original Color
4278252877

Protanopia
4293644868

Deuteranopia
4294953330

Trichromacy



Original Color

4278252877



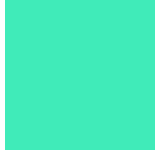
Protanomaly

4288077639



Deuteranomaly

4288862565



Tritanomaly

4282444729

Monochromacy



Original Color

4278252877



Achromatopsia

4288256409



Achromatomaly

4284594813

CSS Examples

Text

The CSS property to change the color of the text to Android 4278252877 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, 245, 77)` looks like.

```
.text, #text, p{  
    color:rgb(0, 245, 77)  
}
```

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, 245, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 245, 77) }
```

Border

The CSS property to change the border of an element to Android 4278252877 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, 245, 77) }
```

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

```
.border{ border-color:rgb(0, 245, 77) }
```

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

Here you see how a box with a 4 pixel rgb(0, 245, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 245, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 245, 77);  
box-shadow:4px 4px 4px 4px rgb(0, 245, 77)  
}
```

Background

The CSS property to change the background color of an element to Android 4278252877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 245, 77) }
```

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

```
.background{ background-color: rgb(0, 245,  
77) }
```

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