

Converting Colors

Android(4278251576)

Have a look what the booklet for
Android(4278251576) contains.

Android(4278251576)	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(4278251576)

Conversions

Conversions Part 1

Format	Color
Hex	00F038
RGB	0, 240, 56
RGB Percent	0%, 94%, 22%
CMY	1.0000, 0.0588, 0.7804
CMYK	1.00, 0.00, 0.77, 0.06
HSL	134°, 100%, 47%
HSV	134°, 100%, 94%
XYZ	31.8739, 62.6057, 14.1456
YIQ	147.2640, -83.9760, -108.1040

Conversions

Conversions Part 2

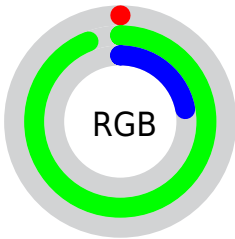
Format	Color
RYB	0, 195, 240
Decimal	61496
CIELab	83.23, -80.36, 69.80
CIELCh	83, 106.439, 139.022
Yxy	62.6057, 0.2934, 0.5763
Android (android.graphics.Color)	4278251576 (0xFF00F038)
YUV	147.2640, -44.9932, -129.1505
Hunter-Lab	79.1238, -66.5604, 44.7869

Details

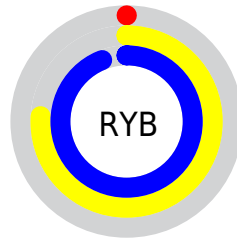
The Android color **4278251576** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **4293918904**, and the grayscale version is **4287927444**.

A 20% lighter version of the original color is **4285726580**, and **4278236672** is the 20% darker color. If you saturate the color by 10%, you get **4278251576**, and if you desaturate by 10%, it is **4279824458**.

Distribution



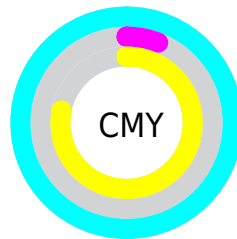
- Red (0%)
- Green (94%)
- Blue (22%)



- Red (0%)
- Yellow (76%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (6%)



- Cyan (100%)
- Magenta (6%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278251576 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 4278251576 by changing the saturation by 10% instead.

 4278251576

 4278251576

4294967295

 4278244110

 4285726580

 4278236672

 4288020368

 4278229504

 4290183085

 4278222592

 4292280266

 4278215680

 4294377447

 4278209024

 4278202368

 4278194944

 4278190080

 4278251576

 4279824458

 4281397341

 4282970223

 4284543106

 4286115988

 4287688870

 4289261753

 4290834635

 4292407518

Harmonies

Analogous

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



4290633216



4278251576



4278253990

Triad

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



4278251576



4278249215



4294924949

Complementary

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



4278251576



4293918904

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.



4294925049



4278251576



4284401151

Square

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



4278251576



4278253567



4294939391



4294938162

Rectangle

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



4278251576



4278254572



4294939391



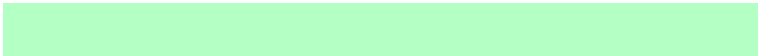
4294922422

Sweetspot

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



4278251576



4289986500



4290310144



4283596892



4278190080



4286611584

Same Dimension

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



4278251576



4278255420



4278251696



4285298799



4278237227



4278204429

Inverse Universe

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



4293918904



4294901955



4293918784



4286082165



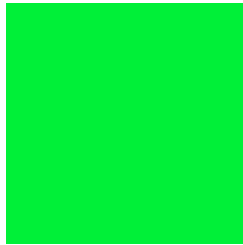
4290248845



4281860139

Previews

White Background



This preview shows how the Android color 4278251576 looks on a white background.

Color Contrast Check

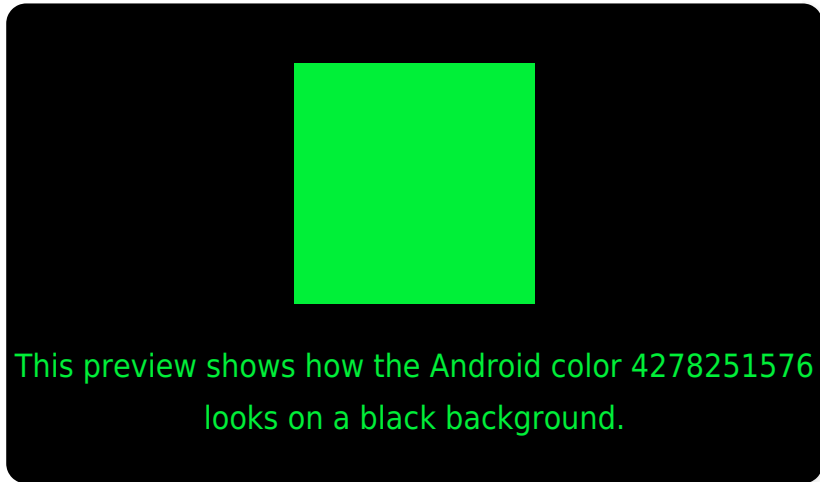
Large Text (above 18pt) WCAG AA × Fail

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 4278251576 Background



This preview shows how black text looks on a background with the Android color 4278251576.

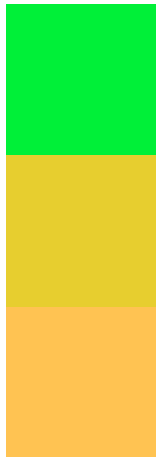


This preview shows how white text looks on a background with the Android color 4278251576.

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

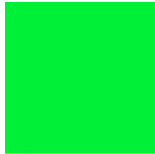


Original Color
4278251576

Protanopia
4293381679

Deuteranopia
4294951762

Trichromacy



Original Color

4278251576



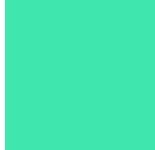
Protanomaly

4287879730



Deuteranomaly

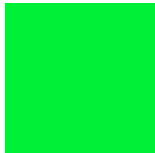
4288861001



Tritanomaly

4282377902

Monochromacy



Original Color

4278251576



Achromatopsia

4287861651



Achromatomaly

4284396914

CSS Examples

Text

The CSS property to change the color of the text to Android 4278251576 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, 240, 56)` looks like.

```
.text, #text, p{  
    color:rgb(0, 240, 56)  
}
```

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, 240, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 240, 56) }
```

Border

The CSS property to change the border of an element to Android 4278251576 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, 240, 56) }
```

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

```
.border{ border-color:rgb(0, 240, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 240, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 240, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 240, 56);  
box-shadow:4px 4px 4px 4px rgb(0, 240, 56)  
}
```

Background

The CSS property to change the background color of an element to Android 4278251576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 240, 56) }
```

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

```
.background{ background-color: rgb(0, 240,  
56) }
```

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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