

Converting Colors

Android(4281176078)

Have a look what the booklet for
Android(4281176078) contains.

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Color

Android(4281176078)

Conversions

Conversions Part 1

Format	Color
Hex	2D900E
RGB	45, 144, 14
RGB Percent	18%, 56%, 5%
CMY	0.8235, 0.4353, 0.9451
CMYK	0.69, 0.00, 0.90, 0.44
HSL	106°, 82%, 31%
HSV	106°, 90%, 56%
XYZ	11.1347, 20.5361, 3.7925
YIQ	99.5790, -17.2740, -61.4180

Conversions

Conversions Part 2

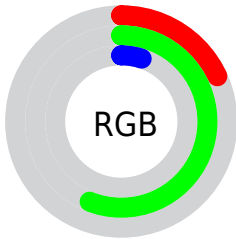
Format	Color
R_{YB}	14, 144, 113
Decimal	2985998
CIE _{Lab}	52.44, -50.34, 52.68
CIE _{LCh}	52, 72.865, 133.698
Yxy	20.5361, 0.3140, 0.5791
Android (android.graphics.Color)	4281176078 (0xFF2D900E)
YUV	99.5790, -42.1904, -47.8658
Hunter-Lab	45.3168, -35.4454, 26.7599

Details

The Android color **4281176078** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4285599376**, and the grayscale version is **4284769380**.

A 20% lighter version of the original color is **4285187914**, and **4278213632** is the 20% darker color. If you saturate the color by 10%, you get **4280455168**, and if you desaturate by 10%, it is **4281896988**.

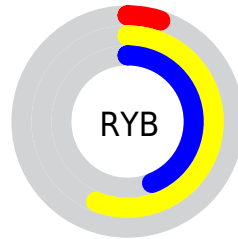
Distribution



Red (18%)

Green (56%)

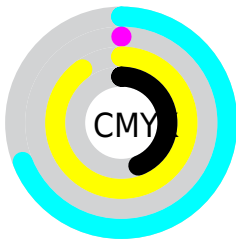
Blue (5%)



Red (5%)

Yellow (56%)

Blue (44%)

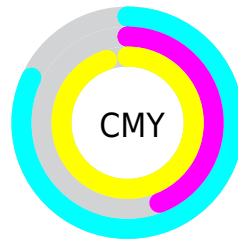


Cyan (69%)

Magenta (0%)

Yellow (90%)

Black (44%)



Cyan (82%)

Magenta (44%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281176078 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 4281176078 by changing the saturation by 10% instead.



4281176078



4281176078

4294967295



4278220288



4285187914



4278213632



4287095652



4278207232



4288937855



4278201856



4290838426



4278194176



4292804534



4278190080



4294770643



4294967279



4281176078



4281176078

■ 4280455168

■ 4281896988

■ 4282617899

■ 4283338809

■ 4284059720

■ 4284780630

■ 4285501540

■ 4286222451

■ 4286943361

■ 4287664272

Harmonies

Analogous

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



4286415616



4281176078



4278228568

Triad

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



4281176078



4278226678



4293538147

Complementary

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



4281176078



4285599376

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.



4292491938



4281176078



4278221816

Square

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



4281176078



4278228947



4288830937



4292497191

Rectangle

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



4281176078



4278229123



4288830937



4293406328

Sweetspot

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



4281176078



4287937160



4287655950



4282867264



4292796126



4284374622

Same Dimension

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



4281176078



4281121280



4279144495



4282533696



4280321792



4278323200

Inverse Universe

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



4285599376



4287496378



4287630960



4282794055



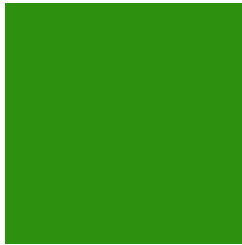
4284940423



4278583304

Previews

White Background



This preview shows how the Android color 4281176078 looks on a white background.

Color Contrast Check

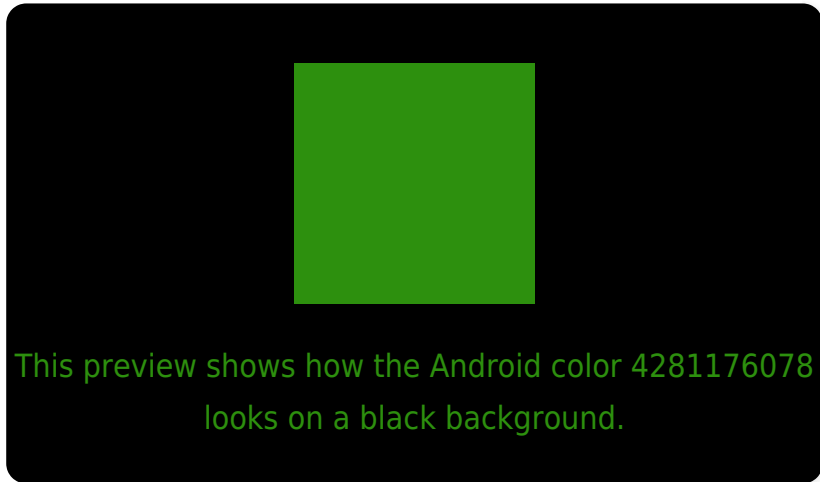
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Android 4281176078 Background



This preview shows how black text looks on a background with the Android color 4281176078.



This preview shows how white text looks on a background with the Android color 4281176078.

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
4281176078

Protanopia
4287397120

Deuteranopia
4288443937

Trichromacy



Original Color
4281176078

Protanomaly
4285105157

Deuteranomaly
4285824794

Tritanomaly
4282354273

Monochromacy



Original Color
4281176078

Achromatopsia
4284769380

Achromatomaly
4283462725

CSS Examples

Text

The CSS property to change the color of the text to Android 4281176078 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(45, 144, 14)` looks like.

```
.text, #text, p{  
    color:rgb(45, 144, 14)  
}
```

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(45, 144, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 144, 14) }
```

Border

The CSS property to change the border of an element to Android 4281176078 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(45, 144, 14) }
```

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

```
.border{ border-color:rgb(45, 144, 14) }
```

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

Here you see how a box with a 4 pixel rgb(45, 144, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 144, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 144, 14);  
box-shadow:4px 4px 4px 4px rgb(45, 144,  
14) }
```

Background

The CSS property to change the background color of an element to Android 4281176078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 144, 14) }
```

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

```
.background{ background-color: rgb(45, 144,  
14) }
```

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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