

Converting Colors

Android(4278221312)

Have a look what the booklet for
Android(4278221312) contains.

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Color

Android(4278221312)

Conversions

Conversions Part 1

Format	Color
Hex	007A00
RGB	0, 122, 0
RGB Percent	0%, 48%, 0%
CMY	1.0000, 0.5216, 1.0000
CMYK	1.00, 0.00, 1.00, 0.52
HSL	120°, 100%, 24%
HSV	120°, 100%, 48%
XYZ	6.9595, 13.9191, 2.3198
YIQ	71.6140, -33.5500, -63.8060

Conversions

Conversions Part 2

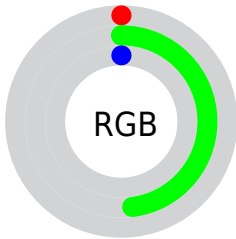
Format	Color
RYB	0, 122, 122
Decimal	31232
CIELab	44.12, -49.94, 48.20
CIELCh	44, 69.413, 136.016
Yxy	13.9191, 0.3000, 0.6000
Android (android.graphics.Color)	4278221312 (0xFF007A00)
YUV	71.6140, -35.3057, -62.8055
Hunter-Lab	37.3083, -31.9918, 22.4291

Details

The Android color `4278221312` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4286185594`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4283478078`, and `4278208256` is the 20% darker color. If you saturate the color by 10%, you get `4278221312`, and if you desaturate by 10%, it is `4279007756`.

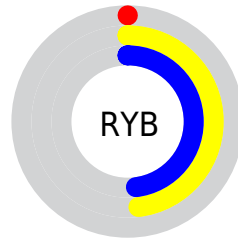
Distribution



Red (0%)

Green (48%)

Blue (0%)



Red (0%)

Yellow (48%)

Blue (48%)

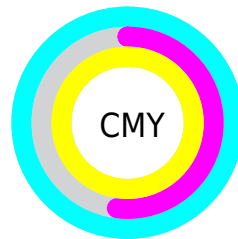


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (100%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278221312 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 4278221312 by changing the saturation by 10% instead.

 4278221312

 4278221312

4294967294

 4278214656

 4283478078

 4278208256

 4285320280


 4278202624

 4287228018

 4278195968

 4289134477

 4278190080

 4291035048

 4292935620

 4294901729

 4278221312

 4279007756

 4279794200

 4280646181

 4281432625

 4282219069

 4283005513

 4283791957

 4284643938

 4285430382

Harmonies

Analogous

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



4284641024



4278221312



4278222666

Triad

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



4278221312



4278220761



4291500364

Complementary

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



4278221312



4286185594

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.



4290781318



4278221312



4278216153

Square

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



4278221312



4278222779



4287580089



4290395666

Rectangle

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



4278221312



4278223219



4287580089



4291498335

Sweetspot

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



4278221312



4285505135



4286216704



4281552691



4291809231



4283387727

Same Dimension

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



4278221312



4278230528



4278221373



4281810231



4278222080



4278254592

Inverse Universe

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



4286185594



4288544926



4286185533



4282201917



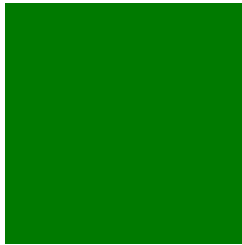
4286382205



4294705404

Previews

White Background



This preview shows how the Android color 4278221312 looks on a white background.

Color Contrast Check

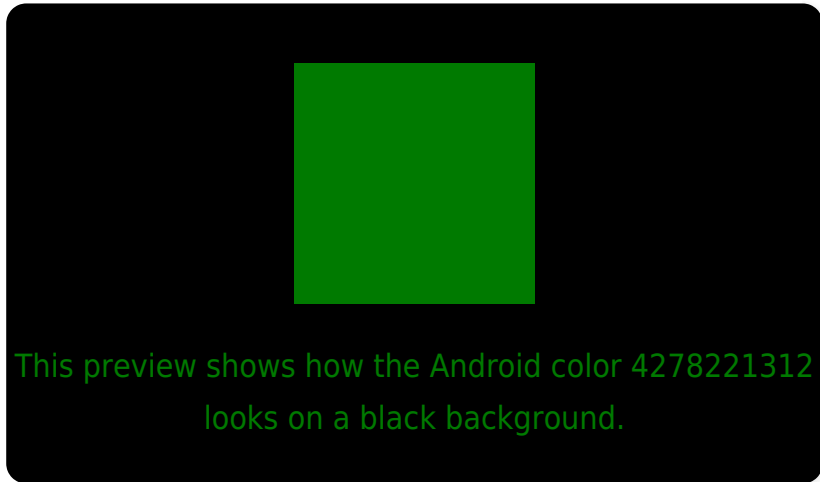
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

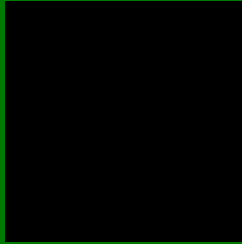
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4278221312 Background



This preview shows how black text looks on a background with the Android color 4278221312.



This preview shows how white text looks on a background with the Android color 4278221312.

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
4278221312

Protanopia
4285949952

Deuteranopia
4286800666

Trichromacy



Original Color

4278221312



Protanomaly

4283133696



Deuteranomaly

4283656977



Tritanomaly

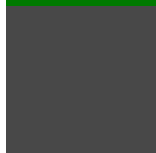
4280317006

Monochromacy



Original Color

4278221312



Achromatopsia

4282927176



Achromatomaly

4281227822

CSS Examples

Text

The CSS property to change the color of the text to Android 4278221312 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, 122, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 0)  
}
```

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, 122, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 0) }
```

Border

The CSS property to change the border of an element to Android 4278221312 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, 122, 0) }
```

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

```
.border{ border-color:rgb(0, 122, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 122, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 122, 0); box-shadow:4px  
4px 4px 4px rgb(0, 122, 0) }
```

Background

The CSS property to change the background color of an element to Android 4278221312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 122, 0) }
```

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

```
.background{ background-color: rgb(0, 122,  
0) }
```

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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