

Converting Colors

Android(4278231824)

Have a look what the booklet for
Android(4278231824) contains.

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Color

Android(4278231824)

Conversions

Conversions Part 1

Format	Color
Hex	00A310
RGB	0, 163, 16
RGB Percent	0%, 64%, 6%
CMY	1.0000, 0.3608, 0.9373
CMYK	1.00, 0.00, 0.90, 0.36
HSL	126°, 100%, 32%
HSV	126°, 100%, 64%
XYZ	13.1907, 26.2318, 4.8582
YIQ	97.5050, -49.9610, -80.2730

Conversions

Conversions Part 2

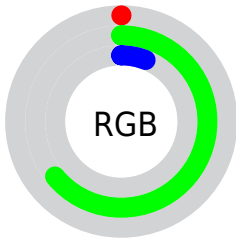
Format	Color
RYB	0, 148, 163
Decimal	41744
CIELab	58.26, -61.20, 57.09
CIELCh	58, 83.697, 136.990
Yxy	26.2318, 0.2979, 0.5924
Android (android.graphics.Color)	4278231824 (0xFF00A310)
YUV	97.5050, -40.1820, -85.5119
Hunter-Lab	51.2170, -43.6578, 30.2279

Details

The Android color `4278231824` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4288872595`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4284341070`, and `4278217984` is the 20% darker color. If you saturate the color by 10%, you get `4278231824`, and if you desaturate by 10%, it is `4279280415`.

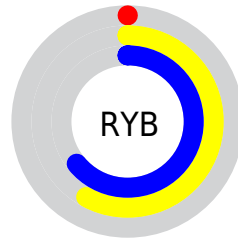
Distribution



Red (0%)

Green (64%)

Blue (6%)



Red (0%)

Yellow (58%)

Blue (64%)

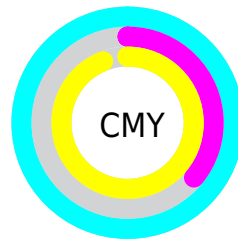


Cyan (100%)

Magenta (0%)

Yellow (90%)

Black (36%)



Cyan (100%)

Magenta (36%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278231824 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 4278231824 by changing the saturation by 10% instead.

 4278231824

 4278231824

4294967295

 4278224896

 4284341070

 4278217984

 4286380137

 4278211584

 4288348037

 4278205184

 4290314144

 4278199040

 4292280252

 4278190080

 4294246361

 4294967286

 4278231824

 4279280415

 4280394541

 4281443132

 4282491723

 4283605849

 4284654440

 4285703031

 4286751622

 4287865748

Harmonies

Analogous

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



4286813440



4278231824



4278233704

Triad

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



4278231824



4278230783



4294913382

Complementary

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



4278231824



4288872595

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.



4294783919



4278231824



4278224895

Square

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



4278231824



4278233591



4290863601



4294137885

Rectangle

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



4278231824



4278234012



4290863601



4294911358

Sweetspot

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



4278231824



4287943834



4287996672



4282739528



4293651435



4285229931

Same Dimension

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



4278231824



4278244373



4278231903



4282995274



4278227214



4278194690

Inverse Universe

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



4288872595



4292083903



4288872516



4283582801



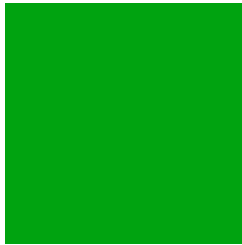
4287692931



4279369744

Previews

White Background



This preview shows how the Android color 4278231824 looks on a white background.

Color Contrast Check

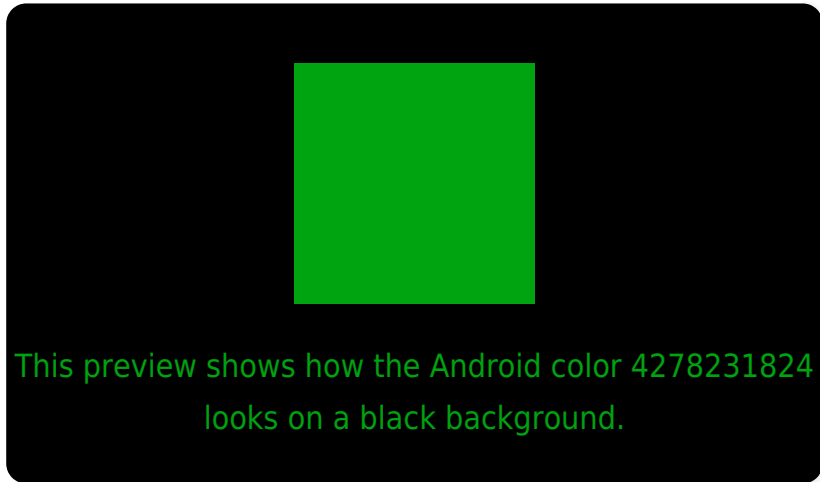
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278231824 Background



This preview shows how black text looks on a background with the Android color 4278231824.



This preview shows how white text looks on a background with the Android color 4278231824.

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
4278231824

Protanopia
4288515072

Deuteranopia
4289692710

Trichromacy



Original Color

4278231824



Protanomaly

4284781574



Deuteranomaly

4285501214



Tritanomaly

4281048174

Monochromacy



Original Color

4278231824



Achromatopsia

4284637794



Achromatomaly

4282284612

CSS Examples

Text

The CSS property to change the color of the text to Android 4278231824 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, 163, 16)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 16)  
}
```

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, 163, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 16) }
```

Border

The CSS property to change the border of an element to Android 4278231824 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, 163, 16) }
```

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

```
.border{ border-color:rgb(0, 163, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 163, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 16);  
box-shadow:4px 4px 4px 4px rgb(0, 163, 16)  
}
```

Background

The CSS property to change the background color of an element to Android 4278231824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 163, 16) }
```

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

```
.background{ background-color: rgb(0, 163,  
16) }
```

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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