

Converting Colors

Android(4278190129)

Have a look what the booklet for
Android(4278190129) contains.

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Color

Android(4278190129)

Conversions

Conversions Part 1

Format	Color
Hex	000031
RGB	0, 0, 49
RGB Percent	0%, 0%, 19%
CMY	1.0000, 1.0000, 0.8078
CMYK	1.00, 1.00, 0.00, 0.81
HSL	240°, 100%, 10%
HSV	240°, 100%, 19%
XYZ	0.5544, 0.2218, 2.9193
YIQ	5.5860, -15.7290, 15.2390

Conversions

Conversions Part 2

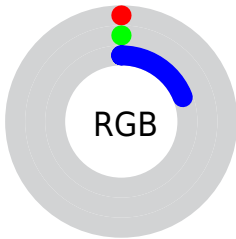
Format	Color
RYB	0, 0, 49
Decimal	49
CIELab	2.00, 14.08, -28.82
CIELCh	2, 32.074, 296.031
Yxy	0.2218, 0.1500, 0.0600
Android (android.graphics.Color)	4278190129 (0xFF000031)
YUV	5.5860, 21.4031, -4.8989
Hunter-Lab	4.7090, 12.7733, -33.4598

Details

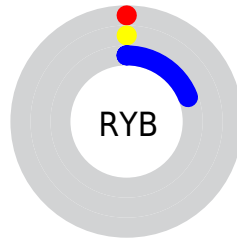
The Android color **4278190129** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4281413888**, and the grayscale version is **4278519045**.

A 20% lighter version of the original color is **4281217120**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278190129**, and if you desaturate by 10%, it is **4278519089**.

Distribution



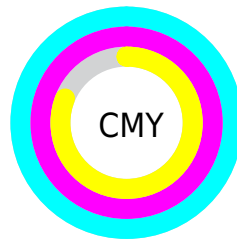
- Red (0%)
- Green (0%)
- Blue (19%)



- Red (0%)
- Yellow (0%)
- Blue (19%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (81%)



- Cyan (100%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278190129 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 4278190129 by changing the saturation by 10% instead.

 4278190129

 4278190129

 4293387007

 4278190363

 4281217120

 4278190080

 4282861177

 4284505747

 4286215853

 4287926473

 4289702629

 4291544831

 4278190129

■ 4278519089

■ 4278848049

■ 4279177009

■ 4279505969

■ 4279834929

■ 4280098097

■ 4280427057

■ 4280756017

■ 4281084977

Harmonies

Analogous

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



4278193461



4278190129



4280483875

Triad

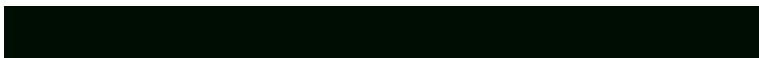
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278190129



4280549376



4278193410

Complementary

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



4278190129



4281413888

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.



4278193408



4278190129



4279239936

Square

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



4278190129



4281139200



4278193408



4278193950

Rectangle

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



4278190129



4281008151



4278193408

Sweetspot

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



4278190129



4281150784



4278202673



4279571745



4288782753



4280361249

Same Dimension

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



4278190129



4278190144



4279828529



4279703322



4278190169



4278190297

Inverse Universe

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



4281401393



4282384448



4279841024



4279899930



4284022873



4292411609

Previews

White Background



This preview shows how the Android color 4278190129 looks on a white background.

Color Contrast Check

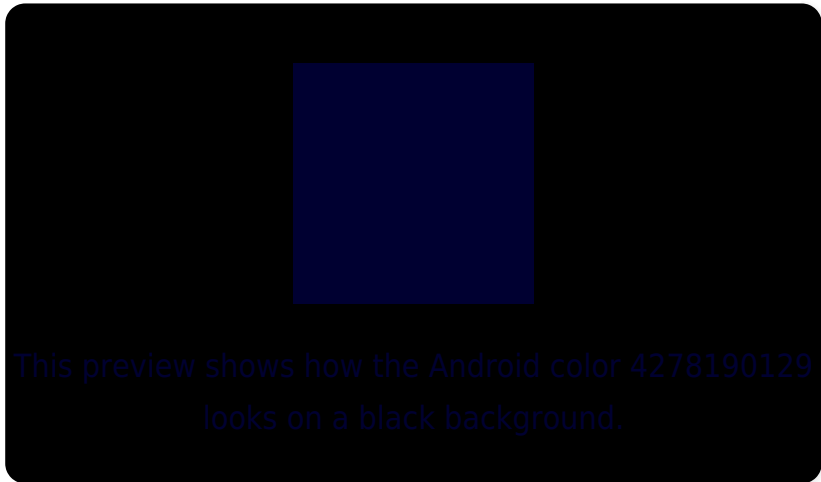
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

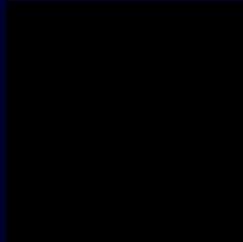
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4278190129 Background



This preview shows how black text looks on a background with the Android color 4278190129.



This preview shows how white text looks on a background with the Android color 4278190129.

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
4278190129

Protanopia
4278193694

Deuteranopia
4278193945



Tritanopia
4278194193

Trichromacy



Original Color

4278190129

Protanomaly

4278192421

Deuteranomaly

4278192674

Tritanomaly

4278192669

Monochromacy



Original Color

4278190129

Achromatopsia

4278584838

Achromatomaly

4278453270

CSS Examples

Text

The CSS property to change the color of the text to Android 4278190129 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, 0, 49)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 49)  
}
```

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, 0, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 49) }
```

Border

The CSS property to change the border of an element to Android 4278190129 is called "border". The border property can be set on classes, ids or directly on the HTML element.

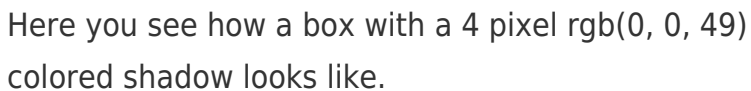
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 0, 49) }
```

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

```
.border{ border-color:rgb(0, 0, 49) }
```

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



Here you see how a box with a 4 pixel `rgb(0, 0, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 49); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 49); box-shadow:4px  
4px 4px 4px rgb(0, 0, 49) }
```

Background

The CSS property to change the background color of an element to Android 4278190129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 49) }
```

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

```
.background{ background-color: rgb(0, 0,  
49) }
```

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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