

Converting Colors

Android(4278190249)

Have a look what the booklet for
Android(4278190249) contains.

Android(4278190249)	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(4278190249)

Conversions

Conversions Part 1

Format	Color
Hex	0000A9
RGB	0, 0, 169
RGB Percent	0%, 0%, 66%
CMY	1.0000, 1.0000, 0.3373
CMYK	1.00, 1.00, 0.00, 0.34
HSL	240°, 100%, 33%
HSV	240°, 100%, 66%
XYZ	7.1614, 2.8646, 37.7116
YIQ	19.2660, -54.2490, 52.5590

Conversions

Conversions Part 2

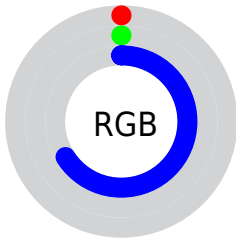
Format	Color
RYB	0, 0, 169
Decimal	169
CIELab	19.49, 58.19, -79.26
CIELCh	19, 98.329, 306.287
Yxy	2.8646, 0.1500, 0.0600
Android (android.graphics.Color)	4278190249 (0xFF0000A9)
YUV	19.2660, 73.8189, -16.8963
Hunter-Lab	16.9250, 45.9092, -120.2596

Details

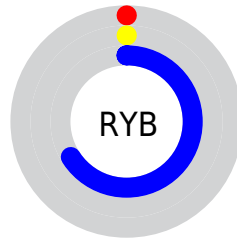
The Android color **4278190249** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4289308928**, and the grayscale version is **4279440147**.

A 20% lighter version of the original color is **4284496610**, and **4278190195** is the 20% darker color. If you saturate the color by 10%, you get **4278190249**, and if you desaturate by 10%, it is **4279308713**.

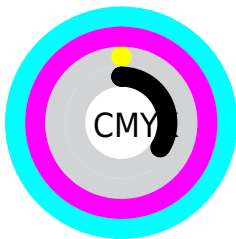
Distribution



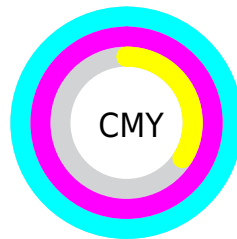
- Red (0%)
- Green (0%)
- Blue (66%)



- Red (0%)
- Yellow (0%)
- Blue (66%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278190249 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 4278190249 by changing the saturation by 10% instead.

 4278190249

 4278190249

 4294965503

 4278190222

 4284496610

 4278190195

 4286600191

 4278190937

 4288572927

 4278191937

 4290611455

 4278190890

 4292649983

 4278190356

 4294622975

 4278190080

 4294958079

 4278190249

■ 4279308713

■ 4280427177

■ 4281545641

■ 4282664105

■ 4283716777

■ 4284835241

■ 4285953705

■ 4287072169

■ 4288190633

Harmonies

Analogous

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



4278205383



4278190249



4286972011

Triad

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



4278190249



4284875776



4278207294

Complementary

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



4278190249



4289308928

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.



4278206976



4278190249



4281217792

Square

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



4278190249



4287430656



4278205952



4278208390

Rectangle

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



4278190249



4288282684



4278205952



4278207012

Sweetspot

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



4278190249



4288322267



4278233513



4282795630



4293783021



4285427310

Same Dimension

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



4278190249



4278190299



4283695273



4283190356



4278190228



4278190100

Inverse Universe

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



4289265833



4292542683



4283738368



4283714644



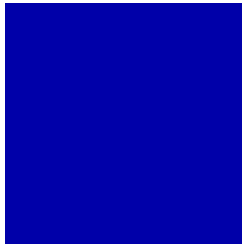
4287889556



4279500820

Previews

White Background



This preview shows how the Android color 4278190249 looks on a white background.

Color Contrast Check

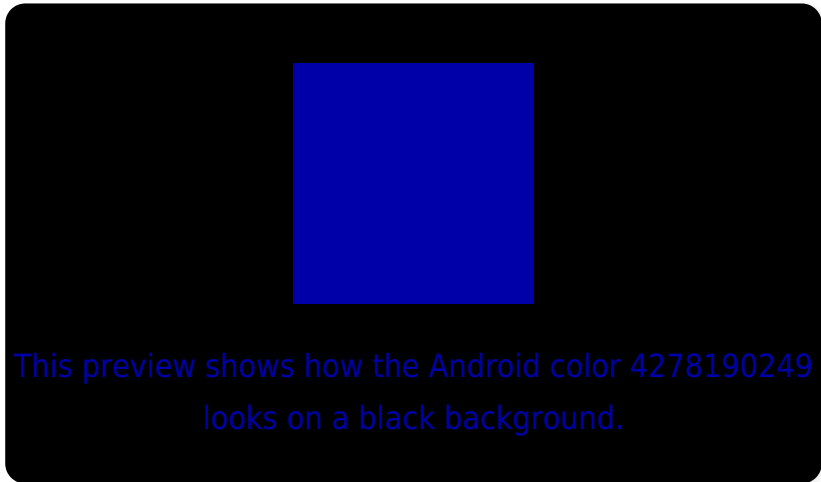
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278190249 Background



This preview shows how black text looks on a background with the Android color 4278190249.



This preview shows how white text looks on a background with the Android color 4278190249.

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

4278190249

Protanopia

4278202727

Deuteranopia

4278203736

Trichromacy



Original Color
4278190249

Protanomaly
4278198143

Deuteranomaly
4278198901

Tritanomaly
4278199395

Monochromacy



Original Color
4278190249

Achromatopsia
4279440147

Achromatomaly
4278979658

CSS Examples

Text

The CSS property to change the color of the text to Android 4278190249 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 169) }
```

Border

The CSS property to change the border of an element to Android 4278190249 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, 169) }
```

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

```
.border{ border-color:rgb(0, 0, 169) }
```

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, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 169); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 169); box-shadow:4px  
4px 4px 4px rgb(0, 0, 169) }
```

Background

The CSS property to change the background color of an element to Android 4278190249 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, 169) }
```

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

```
.background{ background-color: rgb(0, 0,  
169) }
```

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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