

Converting Colors

Android(4278194871)

Have a look what the booklet for
Android(4278194871) contains.

Android(4278194871)	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(4278194871)

Conversions

Conversions Part 1

Format	Color
Hex	0012B7
RGB	0, 18, 183
RGB Percent	0%, 7%, 72%
CMY	1.0000, 0.9294, 0.2824
CMYK	1.00, 0.90, 0.00, 0.28
HSL	234°, 100%, 36%
HSV	234°, 100%, 72%
XYZ	8.7635, 3.8515, 45.0813
YIQ	31.4280, -63.6930, 47.4990

Conversions

Conversions Part 2

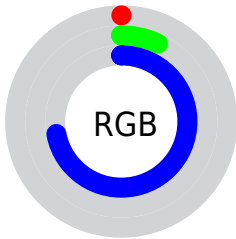
Format	Color
RYB	0, 16, 183
Decimal	4791
CIELab	23.17, 57.03, -81.52
CIELCh	23, 99.490, 304.974
Yxy	3.8515, 0.1519, 0.0668
Android (android.graphics.Color)	4278194871 (0xFF0012B7)
YUV	31.4280, 74.7250, -27.5624
Hunter-Lab	19.6253, 45.3639, -122.4576

Details

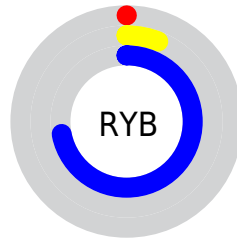
The Android color **4278194871** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4290225408**, and the grayscale version is **4280229663**.

A 20% lighter version of the original color is **4284696048**, and **4278190208** is the 20% darker color. If you saturate the color by 10%, you get **4278194871**, and if you desaturate by 10%, it is **4279378615**.

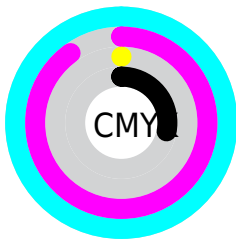
Distribution



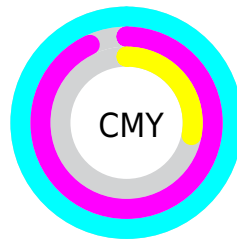
- Red (0%)
- Green (7%)
- Blue (72%)



- Red (0%)
- Yellow (6%)
- Blue (72%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (93%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278194871 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 4278194871 by changing the saturation by 10% instead.

 4278194871

 4278194871

4294967295

 4278190235

 4284696048

 4278190208

 4286865407

 4278190182

 4288903423

 4278192717

 4290941951

 4278191413

 4292980479

 4278190623

 4294953727

 4278190082

 4294961151

 4278190080

 4278194871

■ 4279378615

■ 4280628151

■ 4281811895

■ 4282995895

■ 4284245175

■ 4285429175

■ 4286612919

■ 4287796919

■ 4289046455

Harmonies

Analogous

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



4278207700



4278194871



4287627384

Triad

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



4278194871



4285729280



4278209859

Complementary

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



4278194871



4290225408

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.



4278209280



4278194871



4282006016

Square

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



4278194871



4288348160



4278208000



4278210446

Rectangle

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



4278194871



4289134664



4278208000



4278209576

Sweetspot

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



4278194871



4289113581



4278237093



4283257208



4294440951



4286085240

Same Dimension

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



4278194871



4278196205



4282974391



4283651164



4278194076



4278190876

Inverse Universe

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



4290183186



4293722135



4285445888



4284240724



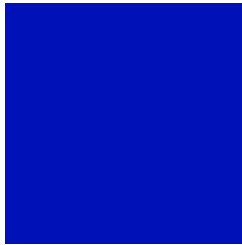
4288413711



4280025091

Previews

White Background



This preview shows how the Android color 4278194871 looks on a white background.

Color Contrast Check

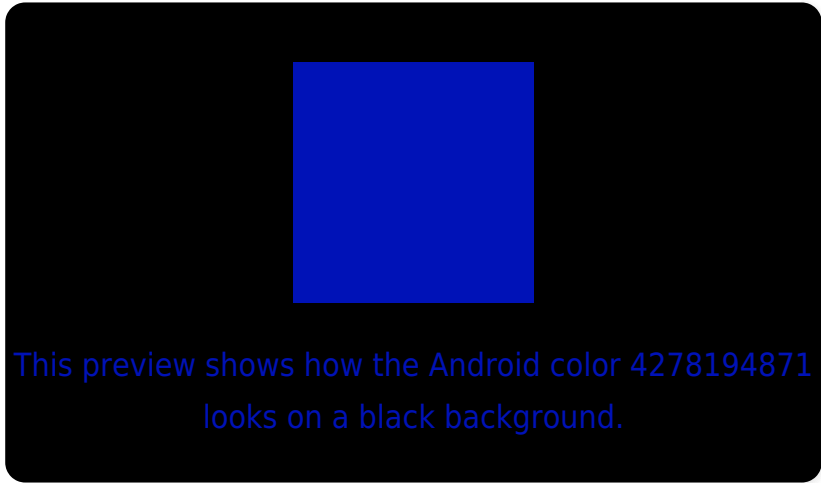
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278194871 Background



This preview shows how black text looks on a background with the Android color 4278194871.



This preview shows how white text looks on a background with the Android color 4278194871.

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

4278194871

Protanopia

4278204275

Deuteranopia

4278205281

Trichromacy



Original Color
4278194871

Protanomaly
4278200972

Deuteranomaly
4278201472

Tritanomaly
4278202221

Monochromacy



Original Color
4278194871

Achromatopsia
4280229663

Achromatomaly
4279507542

CSS Examples

Text

The CSS property to change the color of the text to Android 4278194871 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, 18, 183)` looks like.

```
.text, #text, p{  
    color:rgb(0, 18, 183)  
}
```

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, 18, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 18, 183) }
```

Border

The CSS property to change the border of an element to Android 4278194871 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, 18, 183) }
```

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

```
.border{ border-color:rgb(0, 18, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 18, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 18, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 18, 183);  
box-shadow:4px 4px 4px 4px rgb(0, 18, 183)  
}
```

Background

The CSS property to change the background color of an element to Android 4278194871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 18, 183) }
```

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

```
.background{ background-color: rgb(0, 18,  
183) }
```

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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