

Converting Colors

Android(4278190273)

Have a look what the booklet for
Android(4278190273) contains.

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Color

Android(4278190273)

Conversions

Conversions Part 1

Format	Color
Hex	0000C1
RGB	0, 0, 193
RGB Percent	0%, 0%, 76%
CMY	1.0000, 1.0000, 0.2431
CMYK	1.00, 1.00, 0.00, 0.24
HSL	240°, 100%, 38%
HSV	240°, 100%, 76%
XYZ	9.6256, 3.8503, 50.6879
YIQ	22.0020, -61.9530, 60.0230

Conversions

Conversions Part 2

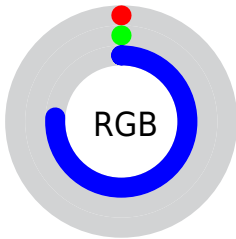
Format	Color
RYB	0, 0, 193
Decimal	193
CIELab	23.17, 64.22, -87.47
CIELCh	23, 108.515, 306.287
Yxy	3.8503, 0.1500, 0.0600
Android (android.graphics.Color)	4278190273 (0xFF0000C1)
YUV	22.0020, 84.3020, -19.2958
Hunter-Lab	19.6221, 53.2249, -139.4231

Details

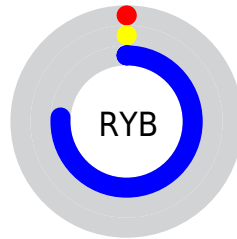
The Android color **4278190273** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **4290887936**, and the grayscale version is **4279571733**.

A 20% lighter version of the original color is **4284956411**, and **4278190218** is the 20% darker color. If you saturate the color by 10%, you get **4278190273**, and if you desaturate by 10%, it is **4279440321**.

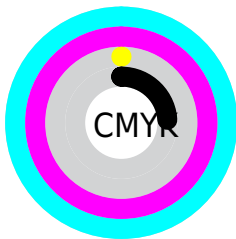
Distribution



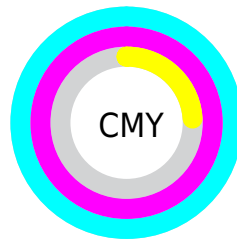
- Red (0%)
- Green (0%)
- Blue (76%)



- Red (0%)
- Yellow (0%)
- Blue (76%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278190273 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 4278190273 by changing the saturation by 10% instead.

 4278190273

 4278190273

4294967039

 4278190245

 4284956411

 4278190218

 4287125759

 4278190191

 4289229567

 4278193237

 4291268095

 4278191677

 4293372159

 4278190886

 4294952191

 4278190351

 4294959615

 4278190080

 4278190273

■ 4279440321

■ 4280756161

■ 4282006209

■ 4283256257

■ 4284572097

■ 4285822145

■ 4287072193

■ 4288322241

■ 4289638081

Harmonies

Analogous

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



4278207971



4278190273



4288282747

Triad

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



4278190273



4285859072



4278209864

Complementary

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



4278190273



4290887936

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.



4278209536



4278190273



4281678592

Square

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



4278190273



4288741376



4278208256



4278210970

Rectangle

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



4278190273



4289790022



4278208256



4278209835

Sweetspot

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



4278190273



4289703930



4278239681



4283453565



4294769916



4286414205

Same Dimension

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



4278190273



4278190330



4284547265



4283914081



4278190241



4278190113

Inverse Universe

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



4290838721



4294574330



4284596480



4284569441



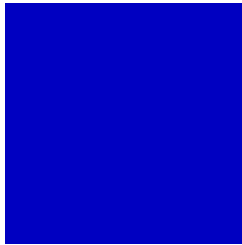
4288741537



4280352801

Previews

White Background



This preview shows how the Android color 4278190273 looks on a white background.

Color Contrast Check

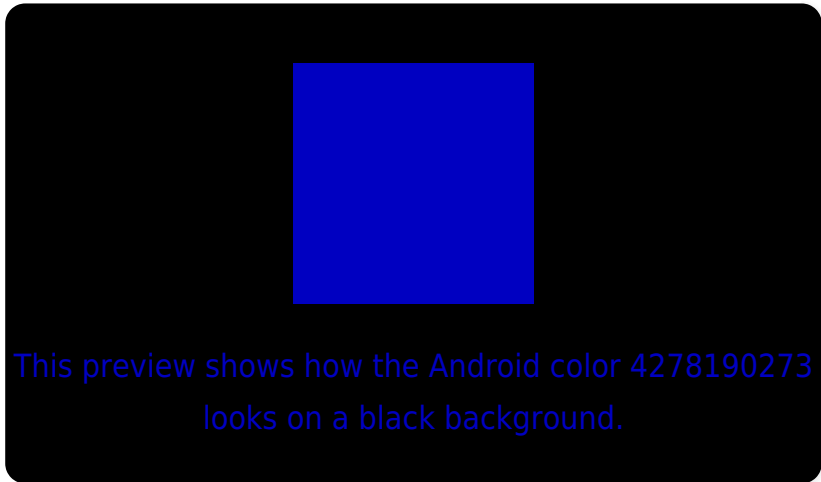
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278190273 Background



This preview shows how black text looks on a background with the Android color 4278190273.



This preview shows how white text looks on a background with the Android color 4278190273.

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

4278190273

Protanopia

4278204534

Deuteranopia

4278205540

Trichromacy



Original Color

4278190273

Protanomaly

4278199441

Deuteranomaly

4278199942

Tritanomaly

4278200689

Monochromacy



Original Color

4278190273

Achromatopsia

4279637526

Achromatomaly

4279111252

CSS Examples

Text

The CSS property to change the color of the text to Android 4278190273 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 193) }
```

Border

The CSS property to change the border of an element to Android 4278190273 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, 193) }
```

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

```
.border{ border-color:rgb(0, 0, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 193); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 193); box-shadow:4px  
4px 4px 4px rgb(0, 0, 193) }
```

Background

The CSS property to change the background color of an element to Android 4278190273 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, 193) }
```

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

```
.background{ background-color: rgb(0, 0,  
193) }
```

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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