

Converting Colors

Android(4278193306)

Have a look what the booklet for
Android(4278193306) contains.

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Color

Android(4278193306)

Conversions

Conversions Part 1

Format	Color
Hex	000C9A
RGB	0, 12, 154
RGB Percent	0%, 5%, 60%
CMY	1.0000, 0.9529, 0.3961
CMYK	1.00, 0.92, 0.00, 0.40
HSL	235°, 100%, 30%
HSV	235°, 100%, 60%
XYZ	5.9642, 2.5960, 30.7586
YIQ	24.6000, -52.7340, 41.6180

Conversions

Conversions Part 2

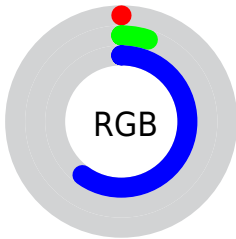
Format	Color
RYB	0, 11, 154
Decimal	3226
CIELab	18.35, 50.64, -72.01
CIELCh	18, 88.033, 305.116
Yxy	2.5960, 0.1517, 0.0660
Android (android.graphics.Color)	4278193306 (0xFF000C9A)
YUV	24.6000, 63.7942, -21.5742
Hunter-Lab	16.1122, 37.8783, -101.9073

Details

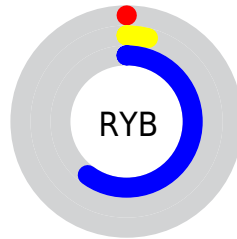
The Android color **4278193306** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4288318976**, and the grayscale version is **4279769112**.

A 20% lighter version of the original color is **4284104402**, and **4278190181** is the 20% darker color. If you saturate the color by 10%, you get **4278193306**, and if you desaturate by 10%, it is **4279179930**.

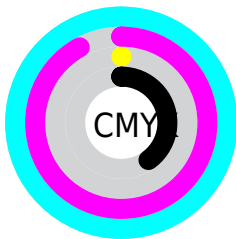
Distribution



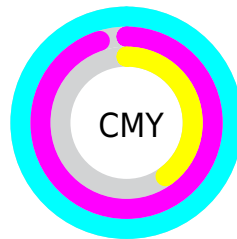
- Red (0%)
- Green (5%)
- Blue (60%)



- Red (0%)
- Yellow (4%)
- Blue (60%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (95%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278193306 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 4278193306 by changing the saturation by 10% instead.

 4278193306

 4278193306

 4294966015

 4278190207

 4284104402

 4278190181

 4286142447

 4278192460

 4288114943

 4278191156

 4290087679

 4278190622

 4292060671

 4278190080

 4294099455

 4294958591

 4278193306

■ 4279179930

■ 4280232090

■ 4281218970

■ 4282271130

■ 4283257754

■ 4284244378

■ 4285296538

■ 4286283418

■ 4287335578

Harmonies

Analogous

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



4278204339



4278193306



4286120036

Triad

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



4278193306



4284483328



4278206263

Complementary

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



4278193306



4288318976

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.



4278205952



4278193306



4281282304

Square

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



4278193306



4286709760



4278204928



4278207095

Rectangle

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



4278193306



4287365178



4278204928



4278206240

Sweetspot

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



4278193306



4287468233



4278229645



4282467430



4293322470



4284900966

Same Dimension

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



4278193306



4278194377



4282384538



4282729805



4278193036



4278190349

Inverse Universe

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



4288282636



4291362832



4284127744



4283254085



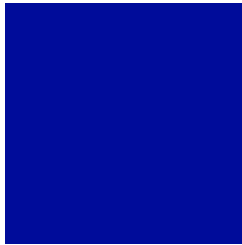
4287365131



4279042049

Previews

White Background



This preview shows how the Android color 4278193306 looks on a white background.

Color Contrast Check

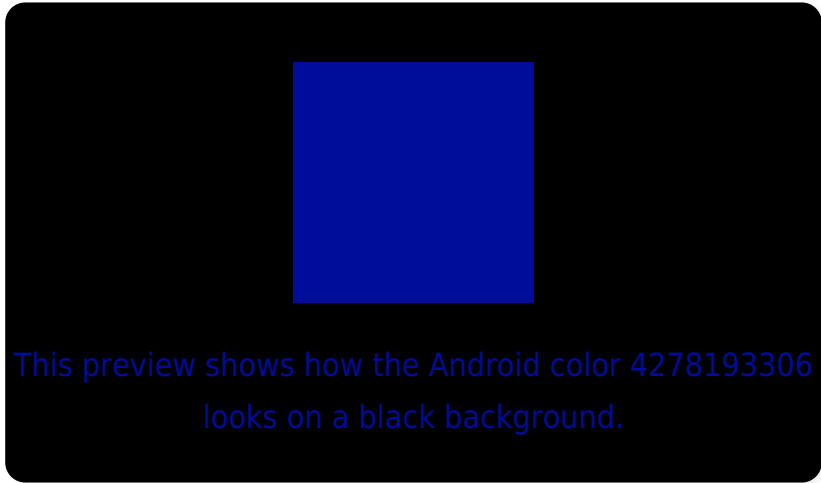
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278193306 Background



This preview shows how black text looks on a background with the Android color 4278193306.



This preview shows how white text looks on a background with the Android color 4278193306.

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
4278193306

Protanopia
4278201952

Deuteranopia
4278202705

Trichromacy



Original Color

4278193306

Protanomaly

4278198901

Deuteranomaly

4278199404

Tritanomaly

4278199899

Monochromacy



Original Color

4278193306

Achromatopsia

4279834905

Achromatomaly

4279243848

CSS Examples

Text

The CSS property to change the color of the text to Android 4278193306 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, 12, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 12, 154)  
}
```

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, 12, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 12, 154) }
```

Border

The CSS property to change the border of an element to Android 4278193306 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, 12, 154) }
```

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

```
.border{ border-color:rgb(0, 12, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 12, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 12, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 12, 154);  
box-shadow:4px 4px 4px 4px rgb(0, 12, 154)  
}
```

Background

The CSS property to change the background color of an element to Android 4278193306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 12, 154) }
```

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

```
.background{ background-color: rgb(0, 12,  
154) }
```

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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