

Converting Colors

Android(4278199403)

Have a look what the booklet for
Android(4278199403) contains.

Android(4278199403)	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(4278199403)

Conversions

Conversions Part 1

Format	Color
Hex	00246B
RGB	0, 36, 107
RGB Percent	0%, 14%, 42%
CMY	1.0000, 0.8588, 0.5804
CMYK	1.00, 0.66, 0.00, 0.58
HSL	220°, 100%, 21%
HSV	220°, 100%, 42%
XYZ	3.2847, 2.3233, 14.1852
YIQ	33.3300, -44.2470, 14.4490

Conversions

Conversions Part 2

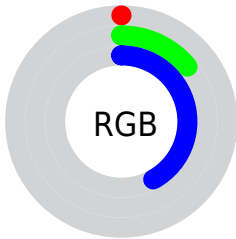
Format	Color
RYB	0, 27, 107
Decimal	9323
CIELab	17.10, 20.19, -44.32
CIElCh	17, 48.703, 294.493
Yxy	2.3233, 0.1660, 0.1174
Android (android.graphics.Color)	4278199403 (0xFF00246B)
YUV	33.3300, 36.3193, -29.2304
Hunter-Lab	15.2423, 11.7926, -44.5084

Details

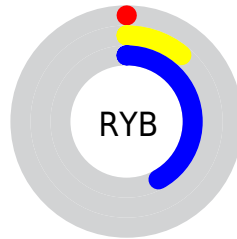
The Android color **4278199403** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4285220608**, and the grayscale version is **4280361249**.

A 20% lighter version of the original color is **4282863775**, and **4278190139** is the 20% darker color. If you saturate the color by 10%, you get **4278199403**, and if you desaturate by 10%, it is **4278922091**.

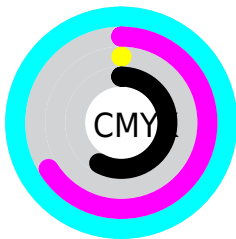
Distribution



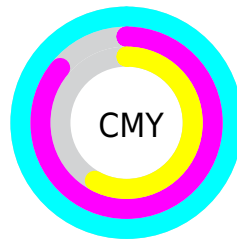
- Red (0%)
- Green (14%)
- Blue (42%)



- Red (0%)
- Yellow (11%)
- Blue (42%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (86%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278199403 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 4278199403 by changing the saturation by 10% instead.

■ 4278199403

■ 4278199403

4294967295

■ 4278194514

■ 4282863775

■ 4278190139

■ 4284704955

■ 4278190628

■ 4286480855

■ 4278190092

■ 4288322547

■ 4278190080

■ 4290164479

■ 4292071935

■ 4293979903

■ 4278199403

■ 4278922091

■ 4279579243

■ 4280301931

■ 4281024619

■ 4281747307

■ 4282404715

■ 4283127403

■ 4283850091

■ 4284507243

Harmonies

Analogous

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



4278202737



4278199403



4283172947

Triad

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



4278199403



4283634688



4278204194

Complementary

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



4278199403



4285220608

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.



4278203648



4278199403



4282066688

Square

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



4278199403



4284612623



4279840768



4278204486

Rectangle

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



4278199403



4284284990



4279840768



4278204182

Sweetspot

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



4278199403



4284641420



4278217542



4281218631



4291282887



4282861383

Same Dimension

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



4278199403



4278202252



4279238763



4281348662



4278200181



4278211317

Inverse Universe

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



4285202468



4287365167



4284181248



4281741362



4285857831



4294246482

Previews

White Background



This preview shows how the Android color 4278199403 looks on a white background.

Color Contrast Check

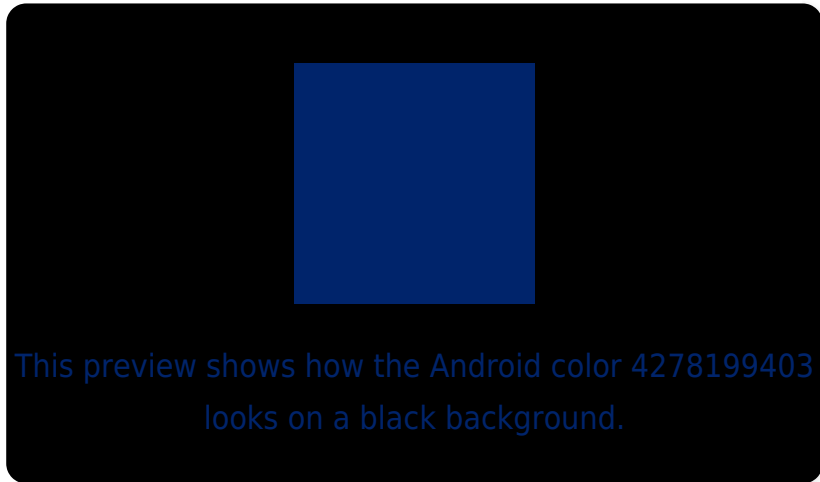
Large Text (above 18pt) WCAG AA ✓ Pass

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

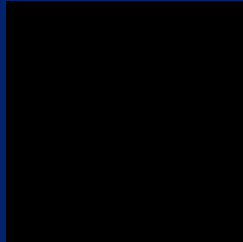
Any Text WCAG AA × Fail

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 4278199403 Background



This preview shows how black text looks on a background with the Android color 4278199403.



This preview shows how white text looks on a background with the Android color 4278199403.

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

4278199403

Protanopia

4278200920

Deuteranopia

4278201675

Trichromacy



Original Color

4278199403

Protanomaly

4278200415

Deuteranomaly

4278200919

Tritanomaly

4278201415

Monochromacy



Original Color

4278199403

Achromatopsia

4280361249

Achromatomaly

4279575100

CSS Examples

Text

The CSS property to change the color of the text to Android 4278199403 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, 36, 107)` looks like.

```
.text, #text, p{  
    color:rgb(0, 36, 107)  
}
```

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, 36, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 36, 107) }
```

Border

The CSS property to change the border of an element to Android 4278199403 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, 36, 107) }
```

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

```
.border{ border-color:rgb(0, 36, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 36, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 36, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 36, 107);  
box-shadow:4px 4px 4px 4px rgb(0, 36, 107)  
}
```

Background

The CSS property to change the background color of an element to Android 4278199403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 36, 107) }
```

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

```
.background{ background-color: rgb(0, 36,  
107) }
```

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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