

Converting Colors

Android(4278199924)

Have a look what the booklet for
Android(4278199924) contains.

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Color

Android(4278199924)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 002674 |
| RGB | 0, 38, 116 |
| RGB Percent | 0%, 15%, 45% |
| CMY | 1.0000, 0.8510, 0.5451 |
| CMYK | 1.00, 0.67, 0.00, 0.55 |
| HSL | 220°, 100%, 23% |
| HSV | 220°, 100%, 45% |
| XYZ | 3.8455, 2.6472, 16.8313 |
| YIQ | 35.5300, -47.6860, 16.2020 |

Conversions

Conversions Part 2

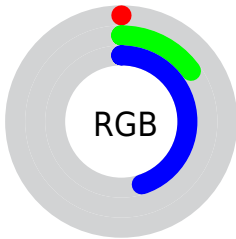
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 29, 116 |
| Decimal | 9844 |
| CIELab | 18.57, 22.63, -47.73 |
| CIELCh | 19, 52.825, 295.370 |
| Yxy | 2.6472, 0.1649, 0.1135 |
| Android (android.graphics.Color) | 4278199924 (0xFF002674) |
| YUV | 35.5300, 39.6717, -31.1598 |
| Hunter-Lab | 16.2702, 13.7162, -49.9456 |

Details

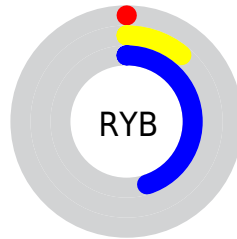
The Android color `4278199924` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4285812224`, and the grayscale version is `4280492835`.

A 20% lighter version of the original color is `4283060905`, and `4278190147` is the 20% darker color. If you saturate the color by 10%, you get `4278199924`, and if you desaturate by 10%, it is `4278988404`.

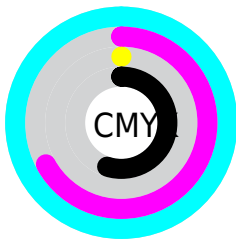
Distribution



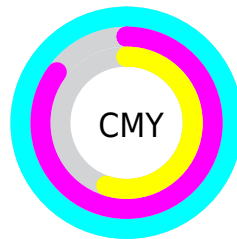
- Red (0%)
- Green (15%)
- Blue (45%)



- Red (0%)
- Yellow (11%)
- Blue (45%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (85%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278199924 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 4278199924 by changing the saturation by 10% instead.

■ 4278199924

■ 4278199924

4294967295

■ 4278195035

■ 4283060905

■ 4278190147

■ 4284902085

■ 4278190892

■ 4286743777

■ 4278190358

■ 4288585470

■ 4278190080

■ 4290492927

■ 4292334847

■ 4294308351

■ 4278199924

■ 4278988404

■ 4279711348

■ 4280499572

■ 4281222516

■ 4282010996

■ 4282799476

■ 4283522420

■ 4284310644

■ 4285033588

Harmonies

Analogous

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



4278203771



4278199924



4283630682

Triad

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



4278199924



4284028160



4278205222

Complementary

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



4278199924



4285812224

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.



4278204672



4278199924



4282264064

Square

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



4278199924



4285136911



4279776256



4278205517

Rectangle

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



4278199924



4284809282



4279776256



4278205208

Sweetspot

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



4278199924



4285102230



4278219853



4281416269



4291611852



4283256141

Same Dimension

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



4278199924



4278202774



4279435380



4281677627



4278200442



4278211322

Inverse Universe

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



4285792294



4288020529



4284576768



4282070327



4286185512



4294574162

Previews

White Background



This preview shows how the Android color 4278199924 looks on a white background.

Color Contrast Check

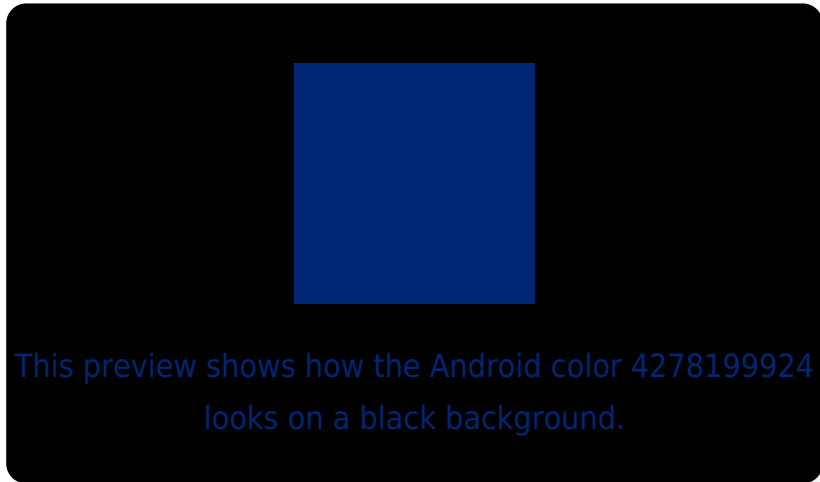
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278199924 Background



This preview shows how black text looks on a background with the Android color 4278199924.



This preview shows how white text looks on a background with the Android color 4278199924.

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

4278199924

Protanopia

4278201694

Deuteranopia

4278202448

Trichromacy



Original Color

4278199924

Protanomaly

4278200934

Deuteranomaly

4278201437

Tritanomaly

4278202189

Monochromacy



Original Color

4278199924

Achromatopsia

4280558628

Achromatomaly

4279706945

CSS Examples

Text

The CSS property to change the color of the text to Android 4278199924 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, 38, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 38, 116)  
}
```

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, 38, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 38, 116) }
```

Border

The CSS property to change the border of an element to Android 4278199924 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, 38, 116) }
```

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

```
.border{ border-color:rgb(0, 38, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 38, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 38, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 38, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 38, 116)  
}
```

Background

The CSS property to change the background color of an element to Android 4278199924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 38, 116) }
```

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

```
.background{ background-color: rgb(0, 38,  
116) }
```

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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