

Converting Colors

Android(4278199668)

Have a look what the booklet for
Android(4278199668) contains.

Android(4278199668)	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(4278199668)

Conversions

Conversions Part 1

Format	Color
Hex	002574
RGB	0, 37, 116
RGB Percent	0%, 15%, 45%
CMY	1.0000, 0.8549, 0.5451
CMYK	1.00, 0.68, 0.00, 0.55
HSL	221°, 100%, 23%
HSV	221°, 100%, 45%
XYZ	3.8140, 2.5841, 16.8208
YIQ	34.9430, -47.4110, 16.7250

Conversions

Conversions Part 2

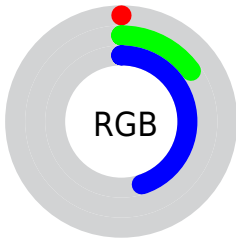
Format	Color
RYB	0, 28, 116
Decimal	9588
CIELab	18.29, 23.36, -48.19
CIELCh	18, 53.548, 295.860
Yxy	2.5841, 0.1643, 0.1113
Android (android.graphics.Color)	4278199668 (0xFF002574)
YUV	34.9430, 39.9611, -30.6450
Hunter-Lab	16.0751, 14.2192, -50.7876

Details

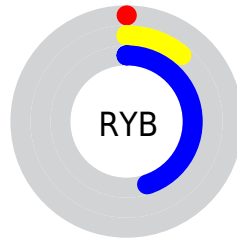
The Android color **4278199668** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4285812480**, and the grayscale version is **4280492835**.

A 20% lighter version of the original color is **4283060649**, and **4278190147** is the 20% darker color. If you saturate the color by 10%, you get **4278199668**, and if you desaturate by 10%, it is **4278988148**.

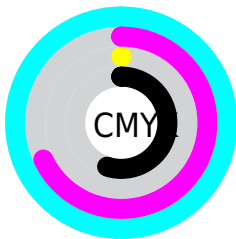
Distribution



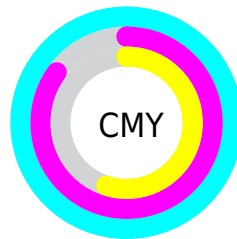
- Red (0%)
- Green (15%)
- Blue (45%)



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



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the Android color 4278199668 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 4278199668 by changing the saturation by 10% instead.

■ 4278199668

■ 4278199668

4294967295

■ 4278194779

■ 4283060649

■ 4278190147

■ 4284901829

■ 4278190892

■ 4286743265

■ 4278190358

■ 4288584958

■ 4278190080

■ 4290492415

■ 4292400127

■ 4294307839

■ 4278199668

■ 4278988148

■ 4279711092

■ 4280499572

■ 4281222516

■ 4282010740

■ 4282799220

■ 4283522164

■ 4284310644

■ 4285033588

Harmonies

Analogous

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



4278203516



4278199668



4283629913

Triad

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



4278199668



4284027904



4278205222

Complementary

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



4278199668



4285812480

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



4278199668



4282198528

Square

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



4278199668



4285136909



4279645184



4278205262

Rectangle

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



4278199668



4284809281



4279645184



4278204952

Sweetspot

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



4278199668



4285102230



4278219853



4281416269



4291611852



4283256141

Same Dimension

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



4278199668



4278202518



4279435380



4281677627



4278200186



4278210810

Inverse Universe

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



4285792293



4288020528



4284576768



4282070327



4286185511



4294574160

Previews

White Background



This preview shows how the Android color 4278199668 looks on a white background.

Color Contrast Check

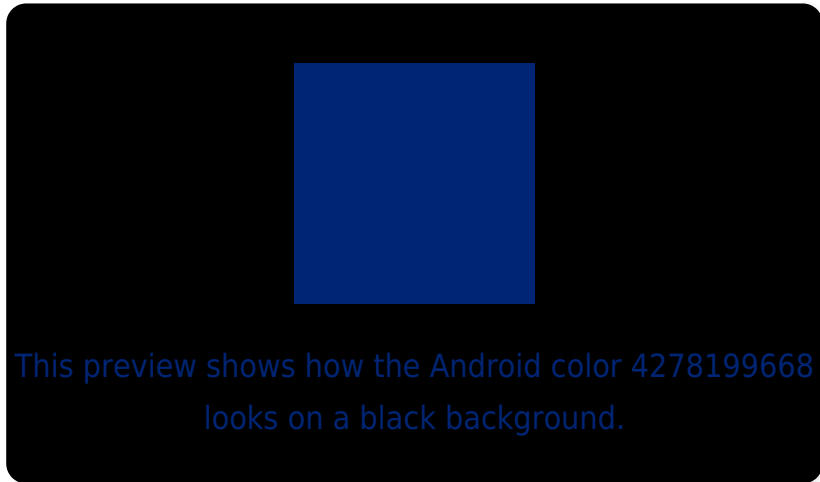
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278199668 Background



This preview shows how black text looks on a background with the Android color 4278199668.



This preview shows how white text looks on a background with the Android color 4278199668.

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

4278199668

Protanopia

4278201437

Deuteranopia

4278202191

Trichromacy



Original Color

4278199668

Protanomaly

4278200677

Deuteranomaly

4278201180

Tritanomaly

4278201933

Monochromacy



Original Color

4278199668

Achromatopsia

4280492835

Achromatomaly

4279641152

CSS Examples

Text

The CSS property to change the color of the text to Android 4278199668 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, 37, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 37, 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, 37, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 37, 116) }
```

Border

The CSS property to change the border of an element to Android 4278199668 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, 37, 116) }
```

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

```
.border{ border-color:rgb(0, 37, 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, 37, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 37, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 37, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 37, 116)  
}
```

Background

The CSS property to change the background color of an element to Android 4278199668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 37, 116) }
```

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

```
.background{ background-color: rgb(0, 37,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor