

Converting Colors

Android(4278199370)

Have a look what the booklet for
Android(4278199370) contains.

Android(4278199370)	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>	28

Color

Android(4278199370)

Conversions

Conversions Part 1	
Format	Color
Hex	00244A
RGB	0, 36, 74
RGB Percent	0%, 14%, 29%
CMY	1.0000, 0.8588, 0.7098
CMYK	1.00, 0.51, 0.00, 0.71
HSL	211°, 100%, 15%
HSV	211°, 100%, 29%
XYZ	1.8669, 1.7562, 6.7191
YIQ	29.5680, -33.6540, 4.1860

Conversions

Conversions Part 2

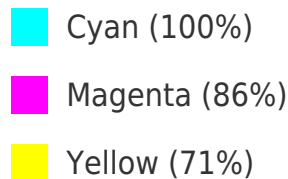
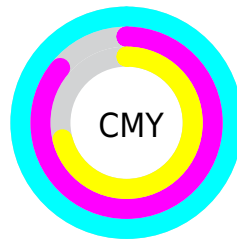
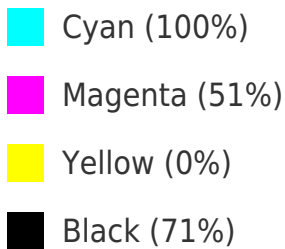
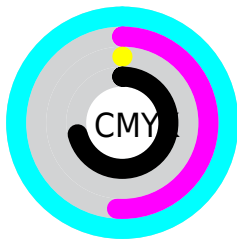
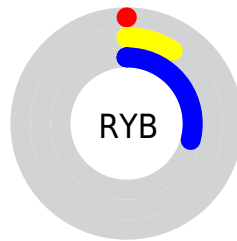
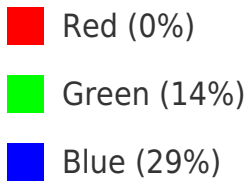
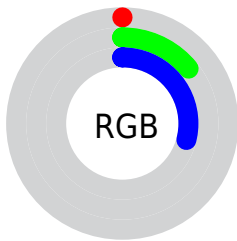
Format	Color
RYB	0, 24, 74
Decimal	9290
CIELab	14.15, 4.94, -27.05
CIELCh	14, 27.496, 280.353
Yxy	1.7562, 0.1805, 0.1698
Android (android.graphics.Color)	4278199370 (0xFF00244A)
YUV	29.5680, 21.9050, -25.9311
Hunter-Lab	13.2520, 1.9555, -20.7852

Details

The Android color **4278199370** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4283049472**, and the grayscale version is **4280098077**.

A 20% lighter version of the original color is **4282011771**, and **4278190622** is the 20% darker color. If you saturate the color by 10%, you get **4278199370**, and if you desaturate by 10%, it is **4278659146**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Android color 4278199370 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 4278199370 by changing the saturation by 10% instead.

 4278199370

 4278199370

 4294508543

 4278193715

 4282011771

 4278190622

 4283721877

 4278190080

 4285432240

 4287142859

 4288919272

 4290761215

 4292603391

 4278199370

■ 4278659146

■ 4279184458

■ 4279643978

■ 4280169290

■ 4280629066

■ 4281088842

■ 4281614154

■ 4282073674

■ 4282598986

Harmonies

Analogous

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



4278200648



4278199370



4281146433

Triad

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



4278199370



4282586633



4278201366

Complementary

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



4278199370



4283049472

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.



4279445760



4278199370



4281867776

Square

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



4278199370



4282781726



4280820992



4278201642

Rectangle

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



4278199370



4282062135



4280820992



4278201103

Sweetspot

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



4278199370



4282667617



4278209061



4280231728



4289769648



4281348144

Same Dimension

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



4278199370



4278202209



4278190154



4280427558



4278202982



4278218982

Inverse Universe

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



4283039780



4284547119



4283058688



4280689188



4284874802



4293263472

Previews

White Background



This preview shows how the Android color 4278199370 looks on a white background.

Color Contrast Check

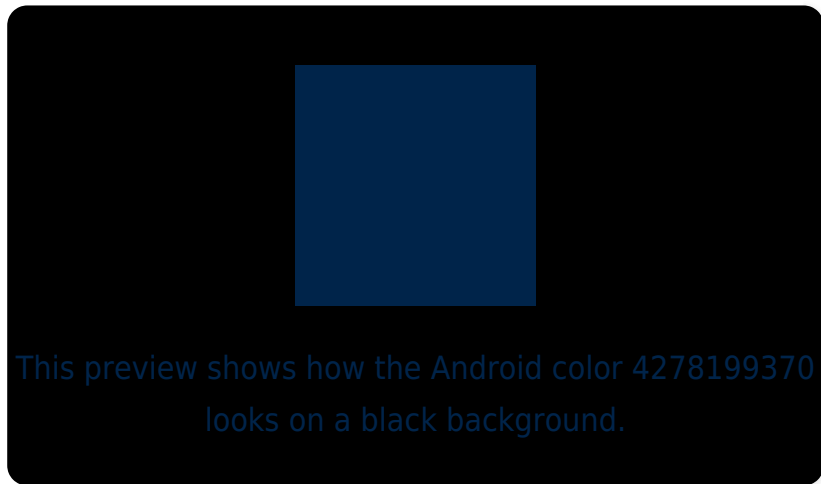
Large Text (above 18pt) WCAG AA ✓ Pass

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

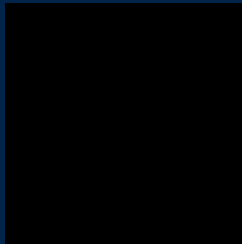
Any Text WCAG AA × Fail

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 4278199370 Background



This preview shows how black text looks on a background with the Android color 4278199370.



This preview shows how white text looks on a background with the Android color 4278199370.

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

4278199370

Protanopia

4278985802

Deuteranopia

4278199874

Trichromacy



Original Color
4278199370

Protanomaly
4278723658

Deuteranomaly
4278199621

Monochromacy



Original Color
4278199370

Achromatopsia
4280163870

Achromatomaly
4279443502

CSS Examples

Text

The CSS property to change the color of the text to Android 4278199370 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, 74)` looks like.

```
.text, #text, p{  
    color:rgb(0, 36, 74)  
}
```

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, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 36, 74) }
```

Border

The CSS property to change the border of an element to Android 4278199370 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, 74) }
```

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

```
.border{ border-color:rgb(0, 36, 74) }
```

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, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 36, 74); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 36, 74); box-shadow:4px  
4px 4px 4px rgb(0, 36, 74) }
```

Background

The CSS property to change the background color of an element to Android 4278199370 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, 74) }
```

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

```
.background{ background-color: rgb(0, 36,  
74) }
```

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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