

Converting Colors

Android(4278200123)

Have a look what the booklet for
Android(4278200123) contains.

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Color

Android(4278200123)

Conversions

Conversions Part 1

Format	Color
Hex	00273B
RGB	0, 39, 59
RGB Percent	0%, 15%, 23%
CMY	1.0000, 0.8471, 0.7686
CMYK	1.00, 0.34, 0.00, 0.77
HSL	200°, 100%, 12%
HSV	200°, 100%, 23%
XYZ	1.5149, 1.7668, 4.3989
YIQ	29.6190, -29.6640, -2.0480

Conversions

Conversions Part 2

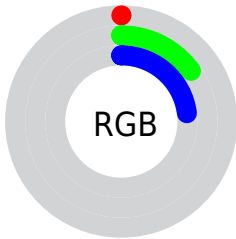
Format	Color
RYB	0, 23, 59
Decimal	10043
CIELab	14.21, -4.40, -16.54
CIELCh	14, 17.110, 255.115
Yxy	1.7668, 0.1972, 0.2300
Android (android.graphics.Color)	4278200123 (0xFF00273B)
YUV	29.6190, 14.4848, -25.9759
Hunter-Lab	13.2921, -2.9171, -10.3168

Details

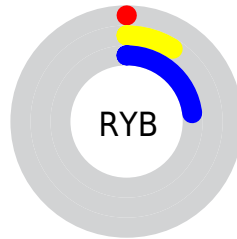
The Android color **4278200123** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282061824**, and the grayscale version is **4280163870**.

A 20% lighter version of the original color is **4281685098**, and **4278190351** is the 20% darker color. If you saturate the color by 10%, you get **4278200123**, and if you desaturate by 10%, it is **4278593851**.

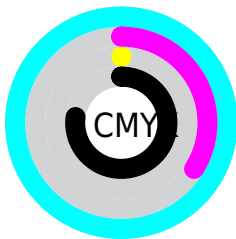
Distribution



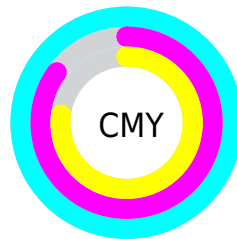
- Red (0%)
- Green (15%)
- Blue (23%)



- Red (0%)
- Yellow (9%)
- Blue (23%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (85%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278200123 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 4278200123 by changing the saturation by 10% instead.

 4278200123

 4278200123

 4293984255

 4278194725

 4281685098

 4278190351

 4283329668

 4278190080

 4284974494

 4286685113

 4288461524

 4290238193

 4292080383

 4278200123

■ 4278593851

■ 4278987579

■ 4279381307

■ 4279775035

■ 4280103227

■ 4280496955

■ 4280890683

■ 4281284411

■ 4281678139

Harmonies

Analogous

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



4278200629



4278200123



4279968571

Triad

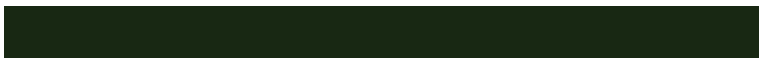
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278200123



4282063390



4279773203

Complementary

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



4278200123



4282061824

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.



4280689930



4278200123



4281867540

Square

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



4278200123



4281801515



4281409803



4278594077

Rectangle

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



4278200123



4280819768



4281409803



4280100623

Sweetspot

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



4278200123



4281746765



4278205204



4279771686



4289111718



4280690214

Same Dimension

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



4278200123



4278203213



4278192699



4280032799



4278206046



4278227934

Inverse Universe

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



4282056743



4283236403



4282069248



4280228894



4284350526



4292739219

Previews

White Background



This preview shows how the Android color 4278200123 looks on a white background.

Color Contrast Check

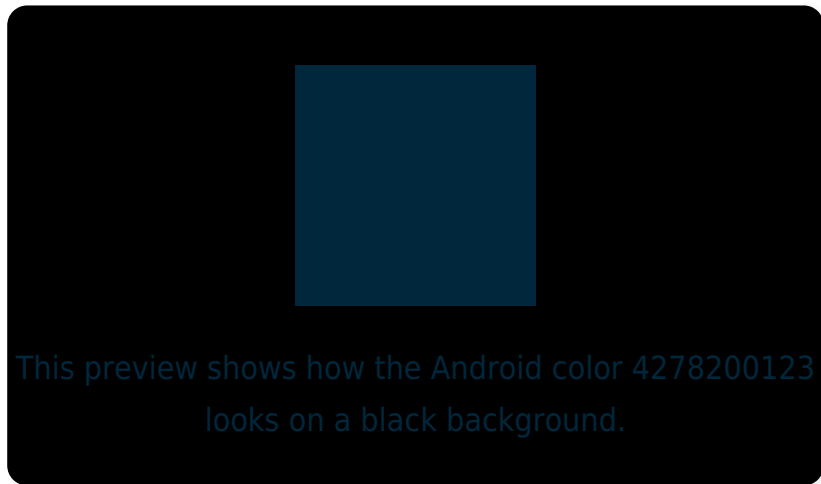
Large Text (above 18pt) WCAG AA ✓ Pass

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

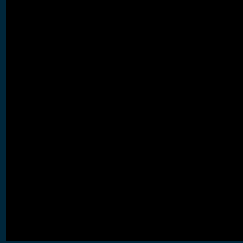
Any Text WCAG AA × Fail

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 4278200123 Background



This preview shows how black text looks on a background with the Android color 4278200123.



This preview shows how white text looks on a background with the Android color 4278200123.

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

4278200123

Protanopia

4280165433

Deuteranopia

4279772475

Trichromacy



Original Color

4278200123

Protanomaly

4279444794

Deuteranomaly

4279182907

Tritanomaly

4278200369

Monochromacy



Original Color

4278200123

Achromatopsia

4280163870

Achromatomaly

4279443753

CSS Examples

Text

The CSS property to change the color of the text to Android 4278200123 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, 39, 59)` looks like.

```
.text, #text, p{  
    color:rgb(0, 39, 59)  
}
```

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, 39, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 39, 59) }
```

Border

The CSS property to change the border of an element to Android 4278200123 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, 39, 59) }
```

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

```
.border{ border-color:rgb(0, 39, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 39, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 39, 59); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 39, 59); box-shadow:4px  
4px 4px 4px rgb(0, 39, 59) }
```

Background

The CSS property to change the background color of an element to Android 4278200123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 39, 59) }
```

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

```
.background{ background-color: rgb(0, 39,  
59) }
```

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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