

Converting Colors

Android(4278194235)

Have a look what the booklet for
Android(4278194235) contains.

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Color

Android(4278194235)

Conversions

Conversions Part 1

Format	Color
Hex	00103B
RGB	0, 16, 59
RGB Percent	0%, 6%, 23%
CMY	1.0000, 0.9373, 0.7686
CMYK	1.00, 0.73, 0.00, 0.77
HSL	224°, 100%, 12%
HSV	224°, 100%, 23%
XYZ	0.9747, 0.6863, 4.2188
YIQ	16.1180, -23.3390, 9.9810

Conversions

Conversions Part 2

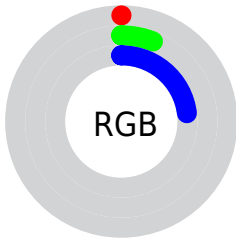
Format	Color
RYB	0, 13, 59
Decimal	4155
CIELab	6.20, 12.94, -29.40
CIELCh	6, 32.123, 293.757
Yxy	0.6863, 0.1658, 0.1167
Android (android.graphics.Color)	4278194235 (0xFF00103B)
YUV	16.1180, 21.1408, -14.1355
Hunter-Lab	8.2846, 6.5029, -24.3930

Details

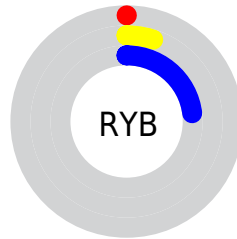
The Android color **4278194235** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4282067712**, and the grayscale version is **4279242768**.

A 20% lighter version of the original color is **4281678443**, and **4278190349** is the 20% darker color. If you saturate the color by 10%, you get **4278194235**, and if you desaturate by 10%, it is **4278588475**.

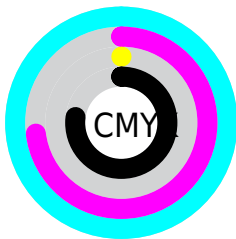
Distribution



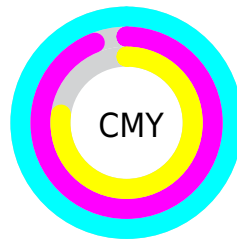
- Red (0%)
- Green (6%)
- Blue (23%)



- Red (0%)
- Yellow (5%)
- Blue (23%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (94%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278194235 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 4278194235 by changing the saturation by 10% instead.

 4278194235

 4278194235

 4293979903

 4278190629

 4281678443

 4278190349

 4283322756

 4278190080

 4284967327

 4286677690

 4288453846

 4290295538

 4292137727

 4278194235

■ 4278588475

■ 4278982971

■ 4279377211

■ 4279771451

■ 4280100411

■ 4280494651

■ 4280888891

■ 4281283131

■ 4281677627

Harmonies

Analogous

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



4278196286



4278194235



4280812077

Triad

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



4278194235



4281140736



4278197773

Complementary

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



4278194235



4282067712

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.



4278197760



4278194235



4280226048

Square

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



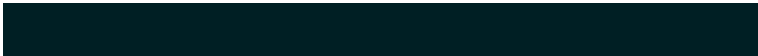
4278194235



4281794560



4278262016



4278198052

Rectangle

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



4278194235



4281466912



4278262016



4278197760

Sweetspot

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



4278194235



4281744461



4278205226



4279770150



4289111718



4280690214

Same Dimension

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



4278194235



4278195533



4279042107



4280032287



4278196830



4278205662

Inverse Universe

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



4282056720



4283236373



4281219840



4280228892



4284350490



4292739132

Previews

White Background



This preview shows how the Android color 4278194235 looks on a white background.

Color Contrast Check

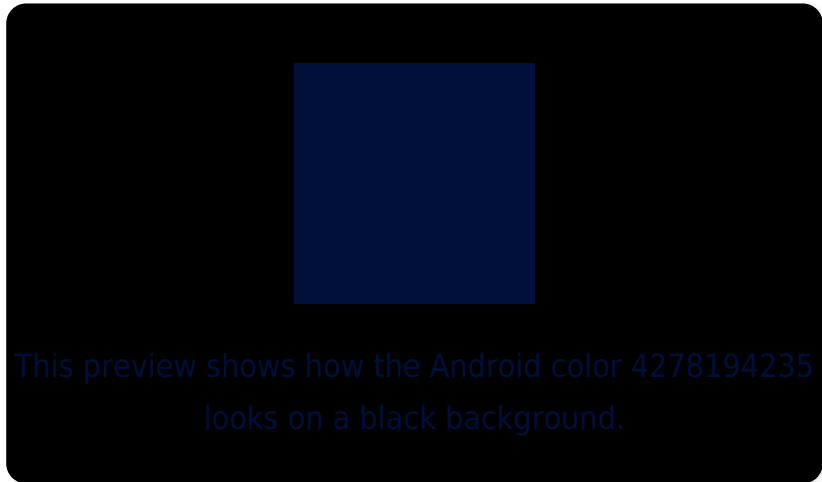
Large Text (above 18pt) WCAG AA ✓ Pass

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

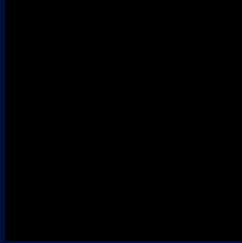
Any Text WCAG AA × Fail

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 4278194235 Background



This preview shows how black text looks on a background with the Android color 4278194235.



This preview shows how white text looks on a background with the Android color 4278194235.

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


4278194235

Protanopia

4278195500

Deuteranopia

4278195750



Tritanopia
4278196250

Trichromacy



Original Color
4278194235

Protanomaly
4278194993

Deuteranomaly
4278195246

Tritanomaly
4278195494

Monochromacy



Original Color
4278194235

Achromatopsia
4279242768

Achromatomaly
4278849568

CSS Examples

Text

The CSS property to change the color of the text to Android 4278194235 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, 16, 59)` looks like.

```
.text, #text, p{  
    color:rgb(0, 16, 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, 16, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 16, 59) }
```

Border

The CSS property to change the border of an element to Android 4278194235 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, 16, 59) }
```

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

```
.border{ border-color:rgb(0, 16, 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, 16, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 16, 59); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 16, 59); box-shadow:4px  
4px 4px 4px rgb(0, 16, 59) }
```

Background

The CSS property to change the background color of an element to Android 4278194235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 16, 59) }
```

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

```
.background{ background-color: rgb(0, 16,  
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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