

Converting Colors

Android(4278191172)

Have a look what the booklet for
Android(4278191172) contains.

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Color

Android(4278191172)

Conversions

Conversions Part 1

Format	Color
Hex	000444
RGB	0, 4, 68
RGB Percent	0%, 2%, 27%
CMY	1.0000, 0.9843, 0.7333
CMYK	1.00, 0.94, 0.00, 0.73
HSL	236°, 100%, 13%
HSV	236°, 100%, 27%
XYZ	1.0868, 0.5042, 5.5089
YIQ	10.1000, -22.9280, 19.0560

Conversions

Conversions Part 2

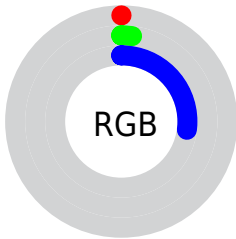
Format	Color
RYB	0, 4, 68
Decimal	1092
CIELab	4.55, 24.05, -38.53
CIELCh	5, 45.421, 301.968
Yxy	0.5042, 0.1531, 0.0710
Android (android.graphics.Color)	4278191172 (0xFF000444)
YUV	10.1000, 28.5447, -8.8577
Hunter-Lab	7.1006, 14.8947, -41.0286

Details

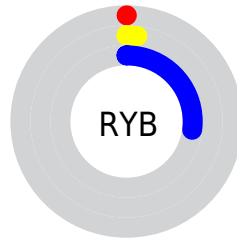
The Android color **4278191172** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4282662912**, and the grayscale version is **4278848010**.

A 20% lighter version of the original color is **4281938037**, and **4278190359** is the 20% darker color. If you saturate the color by 10%, you get **4278191172**, and if you desaturate by 10%, it is **4278651460**.

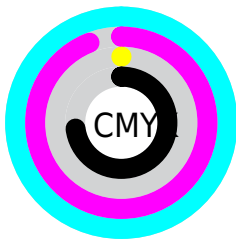
Distribution



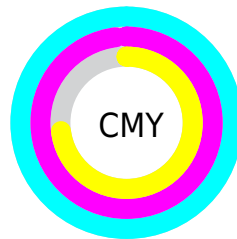
- Red (0%)
- Green (2%)
- Blue (27%)



- Red (0%)
- Yellow (2%)
- Blue (27%)



- Cyan (100%)
- Magenta (94%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (98%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278191172 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 4278191172 by changing the saturation by 10% instead.

 4278191172

 4278191172

 4294566911

 4278190893

 4281938037

 4278190359

 4283647887

 4278190080

 4285357738

 4287133637

 4288909794

 4290751486

 4292659199

 4278191172

■ 4278651460

■ 4279112004

■ 4279506756

■ 4279967300

■ 4280427588

■ 4280887876

■ 4281348420

■ 4281743172

■ 4282203716

Harmonies

Analogous

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



4278195534



4278191172



4281466925

Triad

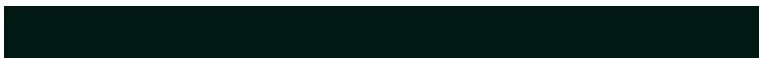
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278191172



4281073664



4278196498

Complementary

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



4278191172



4282662912

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.



4278196480



4278191172



4279439360

Square

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



4278191172



4281991168



4278196480



4278197040

Rectangle

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



4278191172



4282187802



4278196480

Sweetspot

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



4278191172



4282269785



4278207551



4280098350



4289572269



4281216558

Same Dimension

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



4278191172



4278191449



4280090692



4280163873



4278191713



4278193632

Inverse Universe

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



4282646532



4284022789



4280763392



4280360478



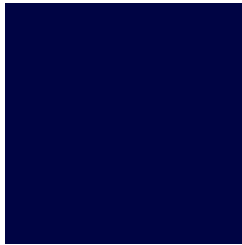
4284547078



4292870157

Previews

White Background



This preview shows how the Android color 4278191172 looks on a white background.

Color Contrast Check

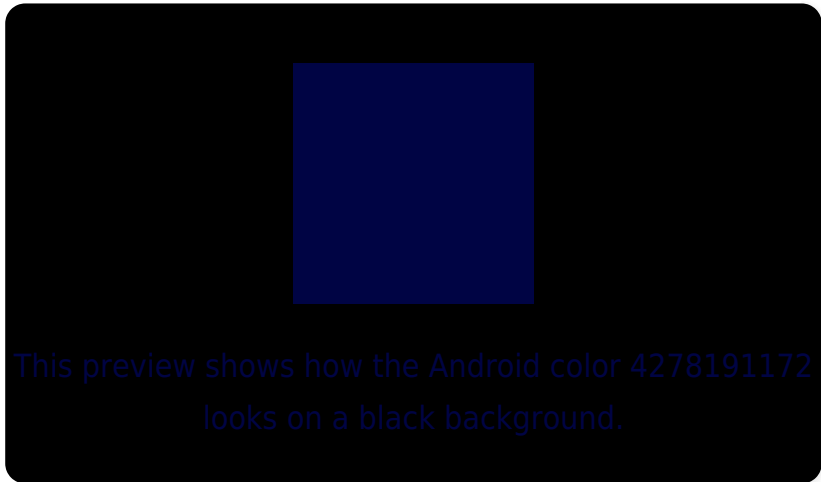
Large Text (above 18pt) WCAG AA ✓ Pass

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

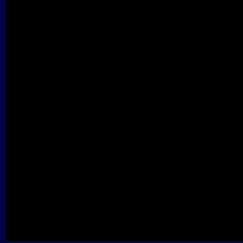
Any Text WCAG AA × Fail

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 4278191172 Background



This preview shows how black text looks on a background with the Android color 4278191172.



This preview shows how white text looks on a background with the Android color 4278191172.

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
4278191172

Protanopia
4278195242

Deuteranopia
4278195492

Trichromacy



Original Color

4278191172

Protanomaly

4278193715

Deuteranomaly

4278193968

Tritanomaly

4278194216

Monochromacy



Original Color

4278191172

Achromatopsia

4278848010

Achromatomaly

4278585375

CSS Examples

Text

The CSS property to change the color of the text to Android 4278191172 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, 4, 68)` looks like.

```
.text, #text, p{  
    color:rgb(0, 4, 68)  
}
```

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, 4, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 4, 68) }
```

Border

The CSS property to change the border of an element to Android 4278191172 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, 4, 68) }
```

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

```
.border{ border-color:rgb(0, 4, 68) }
```

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

Here you see how a box with a 4 pixel rgb(0, 4, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 4, 68); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 4, 68); box-shadow:4px  
4px 4px 4px rgb(0, 4, 68) }
```

Background

The CSS property to change the background color of an element to Android 4278191172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 4, 68) }
```

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

```
.background{ background-color: rgb(0, 4,  
68) }
```

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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