

Converting Colors

Android(4278193431)

Have a look what the booklet for
Android(4278193431) contains.

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Color

Android(4278193431)

Conversions

Conversions Part 1

Format	Color
Hex	000D17
RGB	0, 13, 23
RGB Percent	0%, 5%, 9%
CMY	1.0000, 0.9490, 0.9098
CMYK	1.00, 0.43, 0.00, 0.91
HSL	206°, 100%, 5%
HSV	206°, 100%, 9%
XYZ	0.2986, 0.3497, 0.8624
YIQ	10.2530, -10.9580, 0.3540

Conversions

Conversions Part 2

Format	Color
RYB	0, 8, 23
Decimal	3351
CIELab	3.16, -1.38, -6.89
CIElCh	3, 7.026, 258.632
Yxy	0.3497, 0.1976, 0.2315
Android (android.graphics.Color)	4278193431 (0xFF000D17)
YUV	10.2530, 6.2843, -8.9919
Hunter-Lab	5.9136, -1.3364, -4.5066

Details

The Android color **4278193431** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4279699968**, and the grayscale version is **4278848010**.

A 20% lighter version of the original color is **4281284673**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278193431**, and if you desaturate by 10%, it is **4278324759**.

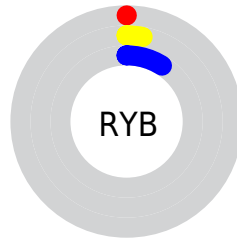
Distribution



Red (0%)

Green (5%)

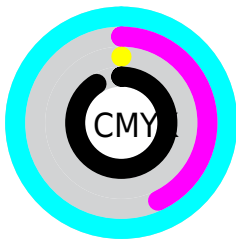
Blue (9%)



Red (0%)

Yellow (3%)

Blue (9%)

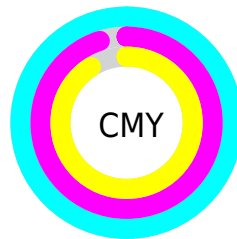


Cyan (100%)

Magenta (43%)

Yellow (0%)

Black (91%)



Cyan (100%)

Magenta (95%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278193431 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 4278193431 by changing the saturation by 10% instead.

■ 4278193431

■ 4278193431

■ 4293062136

■ 4278190080

■ 4281284673

■ 4282797913

■ 4284311409

■ 4285956235

■ 4287666853

■ 4289377728

■ 4291219676

■ 4278193431

■ 4278324759

■ 4278521623

■ 4278652951

■ 4278784279

■ 4278981143

■ 4279112471

■ 4279243799

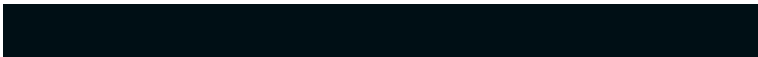
■ 4279375127

■ 4279571991

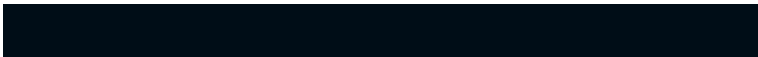
Harmonies

Analogous

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



4278193941



4278193431



4278848023

Triad

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



4278193431



4279830022



4278390528

Complementary

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



4278193431



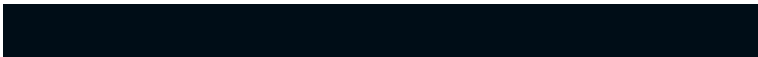
4279699968

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.



4278979840



4278193431



4279764736

Square

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



4278193431



4279698959



4279437824



4278194184

Rectangle

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



4278193431



4279240981



4279437824



4278586880

Sweetspot

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



4278193431



4279573279



4278195978



4278848783



4287598479



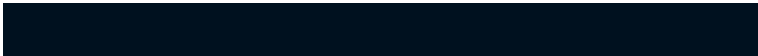
4279176975

Same Dimension

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



4278193431



4278194463



4278190615



4278914061



4278201165



4278219724

Inverse Universe

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



4279697421



4280221713



4279702784



4279044876



4283236395



4291559539

Previews

White Background



This preview shows how the Android color 4278193431 looks on a white background.

Color Contrast Check

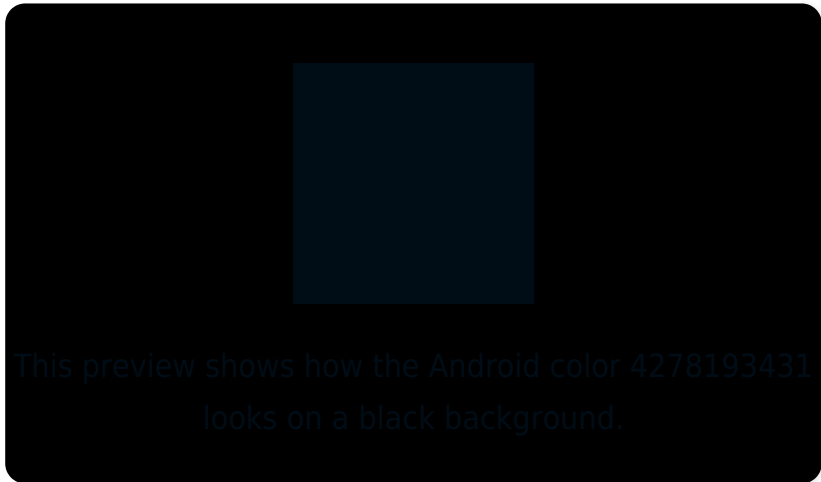
Large Text (above 18pt) WCAG AA ✓ Pass

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

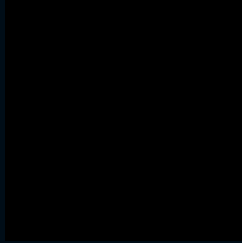
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

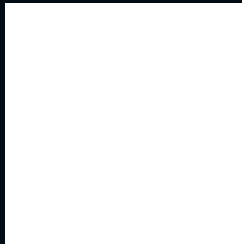
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278193431 Background



This preview shows how black text looks on a background with the Android color 4278193431.



This preview shows how white text looks on a background with the Android color 4278193431.

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
4278193431

Protanopia
4278717462

Deuteranopia
4278258967

Trichromacy



Original Color

4278193431

Protanomaly

4278520854

Deuteranomaly

4278258967

Tritanomaly

4278193682

Monochromacy



Original Color

4278193431

Achromatopsia

4278848010

Achromatomaly

4278586127

CSS Examples

Text

The CSS property to change the color of the text to Android 4278193431 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, 13, 23)` looks like.

```
.text, #text, p{  
    color:rgb(0, 13, 23)  
}
```

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, 13, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 13, 23) }
```

Border

The CSS property to change the border of an element to Android 4278193431 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, 13, 23) }
```

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

```
.border{ border-color:rgb(0, 13, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 13, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 13, 23); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 13, 23); box-shadow:4px  
4px 4px 4px rgb(0, 13, 23) }
```

Background

The CSS property to change the background color of an element to Android 4278193431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 13, 23) }
```

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

```
.background{ background-color: rgb(0, 13,  
23) }
```

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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