

Converting Colors

Android(4278202149)

Have a look what the booklet for
Android(4278202149) contains.

Android(4278202149)	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>	29

Color

Android(4278202149)

Conversions

Conversions Part 1

Format	Color
Hex	002F25
RGB	0, 47, 37
RGB Percent	0%, 18%, 15%
CMY	1.0000, 0.8157, 0.8549
CMYK	1.00, 0.00, 0.21, 0.82
HSL	167°, 100%, 9%
HSV	167°, 100%, 18%
XYZ	1.3504, 2.1666, 2.0973
YIQ	31.8070, -24.8020, -13.0740

Conversions

Conversions Part 2

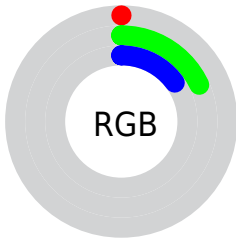
Format	Color
RYB	0, 26, 47
Decimal	12069
CIELab	16.34, -18.29, 2.14
CIElCh	16, 18.413, 173.314
Yxy	2.1666, 0.2405, 0.3859
Android (android.graphics.Color)	4278202149 (0xFF002F25)
YUV	31.8070, 2.5601, -27.8947
Hunter-Lab	14.7194, -9.3823, 1.8557

Details

The Android color **4278202149** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4281270282**, and the grayscale version is **4280295456**.

A 20% lighter version of the original color is **4281490770**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278202149**, and if you desaturate by 10%, it is **4278529830**.

Distribution



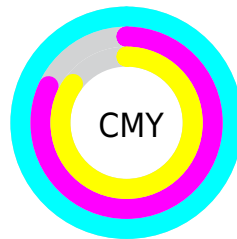
- Red (0%)
- Green (18%)
- Blue (15%)



- Red (0%)
- Yellow (10%)
- Blue (18%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (82%)



- Cyan (100%)
- Magenta (82%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278202149 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 4278202149 by changing the saturation by 10% instead.

 4278202149

 4278202149

 4293656575

 4278197008

 4281490770

 4278190080


 4283070058

 4284715139

 4286426013

 4288136888

 4289913555

 4291756016

 4278202149

■ 4278529830

■ 4278791975

■ 4279119656

■ 4279447337

■ 4279775018

■ 4280037163

■ 4280364844

■ 4280692525

■ 4280954670

Harmonies

Analogous

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



4279709208



4278202149



4278202162

Triad

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



4278202149



4280624705



4282130964

Complementary

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



4278202149



4281270282

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.



4282457631



4278202149



4281737528

Square

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



4278202149



4278790978



4282326572



4281542413

Rectangle

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



4278202149



4278201914



4282326572



4282327063

Sweetspot

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



4278202149



4281023801



4278857472



4279508764



4288585374



4280229663

Same Dimension

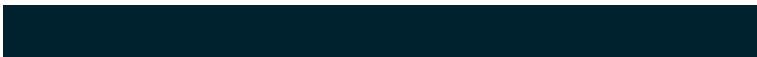
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4278202149



4278205744



4278198831



4279572246



4278212420



4278245033

Inverse Universe

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



4281270282



4282187789



4281273600



4279702805



4283891730



4292214830

Previews

White Background



This preview shows how the Android color 4278202149 looks on a white background.

Color Contrast Check

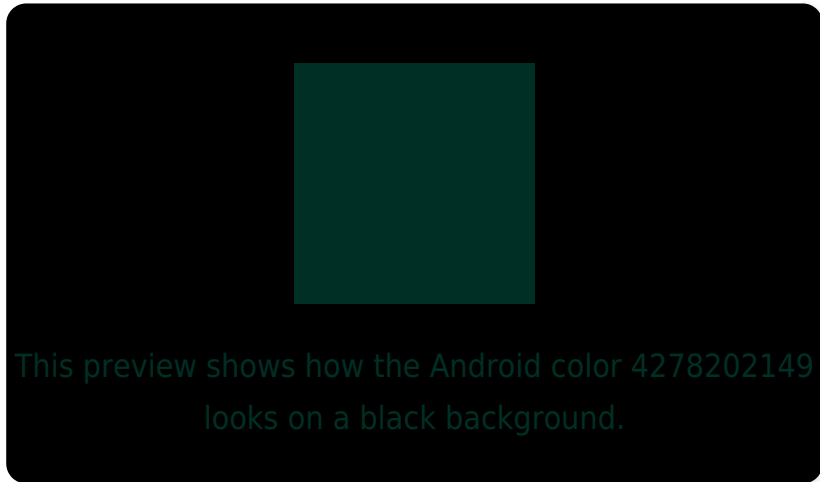
Large Text (above 18pt) WCAG AA ✓ Pass

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

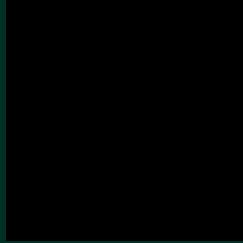
Any Text WCAG AA × Fail

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 4278202149 Background



This preview shows how black text looks on a background with the Android color 4278202149.



This preview shows how white text looks on a background with the Android color 4278202149.

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

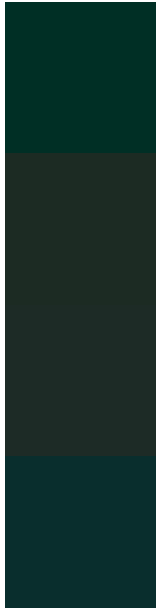


Original Color
4278202149

Protanopia
4281084194

Deuteranopia
4281215015

Trichromacy



Original Color

4278202149

Protanomaly

4280036131

Deuteranomaly

4280101670

Tritanomaly

4278791725

Monochromacy



Original Color

4278202149

Achromatopsia

4280295456

Achromatomaly

4279510306

CSS Examples

Text

The CSS property to change the color of the text to Android 4278202149 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, 47, 37)` looks like.

```
.text, #text, p{  
    color:rgb(0, 47, 37)  
}
```

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, 47, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 47, 37) }
```

Border

The CSS property to change the border of an element to Android 4278202149 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, 47, 37) }
```

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

```
.border{ border-color:rgb(0, 47, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 47, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 47, 37); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 47, 37); box-shadow:4px  
4px 4px 4px rgb(0, 47, 37) }
```

Background

The CSS property to change the background color of an element to Android 4278202149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 47, 37) }
```

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

```
.background{ background-color: rgb(0, 47,  
37) }
```

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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