

Converting Colors

Android(4278987306)

Have a look what the booklet for
Android(4278987306) contains.

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Color

Android(4278987306)

Conversions

Conversions Part 1

Format	Color
Hex	0C2A2A
RGB	12, 42, 42
RGB Percent	5%, 16%, 16%
CMY	0.9529, 0.8353, 0.8353
CMYK	0.71, 0.00, 0.00, 0.84
HSL	180°, 56%, 11%
HSV	180°, 71%, 16%
XYZ	1.3975, 1.9013, 2.4838
YIQ	33.0300, -17.8800, -6.3600

Conversions

Conversions Part 2

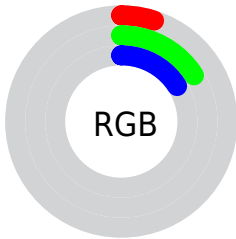
Format	Color
RYB	12, 27, 42
Decimal	797226
CIELab	14.96, -10.96, -3.34
CIElCh	15, 11.456, 196.961
Yxy	1.9013, 0.2417, 0.3288
Android (android.graphics.Color)	4278987306 (0xFF0C2A2A)
YUV	33.0300, 4.4222, -18.4433
Hunter-Lab	13.7886, -6.0388, -1.0282

Details

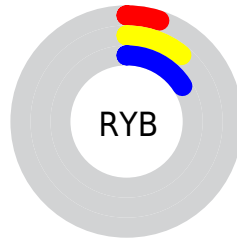
The Android color **4278987306** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4280945676**, and the grayscale version is **4280361249**.

A 20% lighter version of the original color is **4282013527**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278725162**, and if you desaturate by 10%, it is **4279249450**.

Distribution



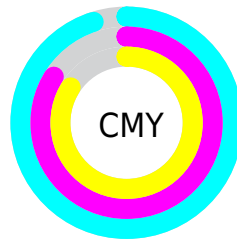
- Red (5%)
- Green (16%)
- Blue (16%)



- Red (5%)
- Yellow (11%)
- Blue (16%)



- Cyan (71%)
- Magenta (0%)
- Yellow (0%)
- Black (84%)



- Cyan (95%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278987306 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 4278987306 by changing the saturation by 10% instead.



4278987306



4278987306



4294115327



4278195734



4282013527



4278190080



4283592816



4285172105



4286882979



4288593854



4290436058



4292212726



4278987306



4278987306

■ 4278725162

■ 4279249450

■ 4278463018

■ 4279511594

■ 4278200874

■ 4279839274

■ 4280101418

■ 4280363562

■ 4280625706

■ 4280887850

■ 4281215530

■ 4281477674

Harmonies

Analogous

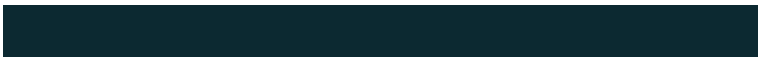
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4279511586



4278987306



4278987057

Triad

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



4278987306



4281082417



4281213974

Complementary

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



4278987306



4280945676

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.



4281606426



4278987306



4281540649

Square

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



4278987306



4280427829



4281737249



4280755990

Rectangle

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



4278987306



4279380020



4281737249



4281344791

Sweetspot

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



4278987306



4280956470



4278987276



4279573532



4288453788



4280032284

Same Dimension

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



4278987306



4278662710



4278983466



4279374868



4278211668



4278244564

Inverse Universe

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



4280945706



4281730870



4280949516



4279505428



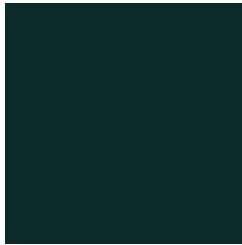
4283695188



4292083924

Previews

White Background



This preview shows how the Android color 4278987306 looks on a white background.

Color Contrast Check

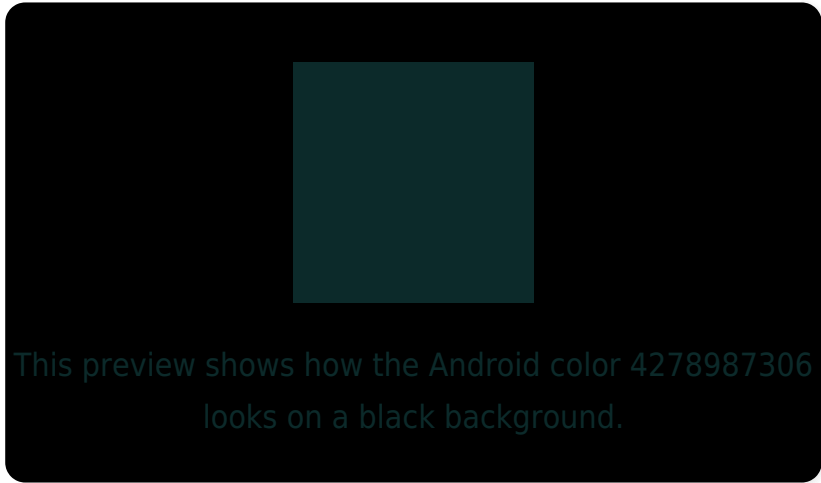
Large Text (above 18pt) WCAG AA ✓ Pass

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

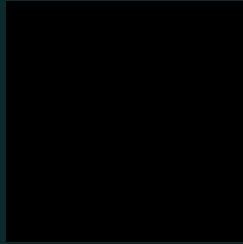
Any Text WCAG AA × Fail

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 4278987306 Background



This preview shows how black text looks on a background with the Android color 4278987306.



This preview shows how white text looks on a background with the Android color 4278987306.

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
4278987306

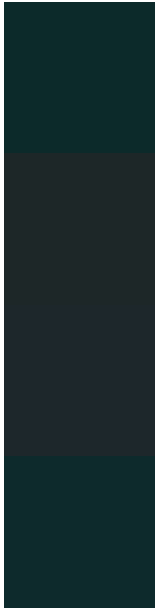
Protanopia
4280690215

Deuteranopia
4280755499



Tritanopia
4279118381

Trichromacy



Original Color

4278987306

Protanomaly

4280100648

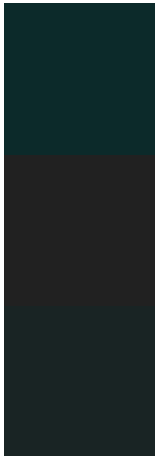
Deuteranomaly

4280100651

Tritanomaly

4279052844

Monochromacy



Original Color

4278987306

Achromatopsia

4280361249

Achromatomaly

4279837732

CSS Examples

Text

The CSS property to change the color of the text to Android 4278987306 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(12, 42, 42)` looks like.

```
.text, #text, p{  
    color:rgb(12, 42, 42)  
}
```

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(12, 42, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 42, 42) }
```

Border

The CSS property to change the border of an element to Android 4278987306 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(12, 42, 42) }
```

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

```
.border{ border-color:rgb(12, 42, 42) }
```

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

Here you see how a box with a 4 pixel rgb(12, 42, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 42, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 42, 42);  
box-shadow:4px 4px 4px 4px rgb(12, 42, 42)  
}
```

Background

The CSS property to change the background color of an element to Android 4278987306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 42, 42) }
```

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

```
.background{ background-color: rgb(12, 42,  
42) }
```

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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