

Converting Colors

Android(4278986787)

Have a look what the booklet for
Android(4278986787) contains.

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Color

Android(4278986787)

Conversions

Conversions Part 1

Format	Color
Hex	0C2823
RGB	12, 40, 35
RGB Percent	5%, 16%, 14%
CMY	0.9529, 0.8431, 0.8627
CMYK	0.70, 0.00, 0.13, 0.84
HSL	169°, 54%, 10%
HSV	169°, 70%, 16%
XYZ	1.2138, 1.7171, 1.8576
YIQ	31.0580, -15.0830, -7.4910

Conversions

Conversions Part 2

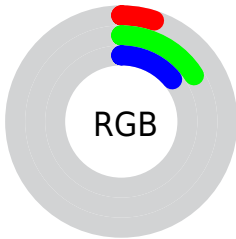
Format	Color
RYB	12, 27, 40
Decimal	796707
CIELab	13.93, -12.12, 0.11
CIELCh	14, 12.124, 179.475
Yxy	1.7171, 0.2535, 0.3586
Android (android.graphics.Color)	4278986787 (0xFF0C2823)
YUV	31.0580, 1.9434, -16.7139
Hunter-Lab	13.1038, -6.3975, 0.7678

Details

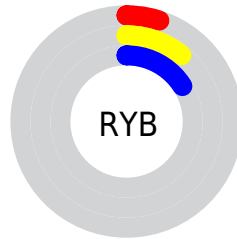
The Android color **4278986787** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4280814609**, and the grayscale version is **4280229663**.

A 20% lighter version of the original color is **4281947471**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278724642**, and if you desaturate by 10%, it is **4279248932**.

Distribution



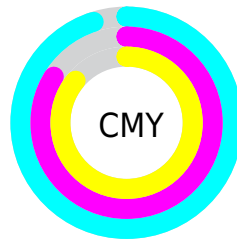
- Red (5%)
- Green (16%)
- Blue (14%)



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



- Cyan (70%)
- Magenta (0%)
- Yellow (13%)
- Black (84%)



- Cyan (95%)
- Magenta (84%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278986787 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 4278986787 by changing the saturation by 10% instead.

■ 4278986787

■ 4278986787

■ 4293984255

■ 4278195213

■ 4281947471

■ 4278190080

■ 4283461223

■ 4285106048

■ 4286751130

■ 4288527541

■ 4290304209

■ 4292146669

■ 4278986787

■ 4278986787

■ 4278724642

■ 4279248932

■ 4278462498

■ 4279511076

■ 4278200353

■ 4279773221

■ 4280035366

■ 4280297511

■ 4280559655

■ 4280821800

■ 4281083945

■ 4281346089

Harmonies

Analogous

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



[4279641883](#)



[4278986787](#)



[4278528043](#)

Triad

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



4278986787



4280557874



4281344021

Complementary

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



4278986787



4280814609

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.



4281605660



4278986787



4281212460

Square

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



4278986787



4279706676



4281539876



4280886034

Rectangle

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



4278986787



4278658864



4281539876



4281474839

Sweetspot

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



4278986787



4280824625



4279314444



4279441944



4288256409



4279900698

Same Dimension

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



4278986787



4278727467



4278984488



4279374868



4278211653



4278244526

Inverse Universe

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



4280814609



4281534480



4280816908



4279505427



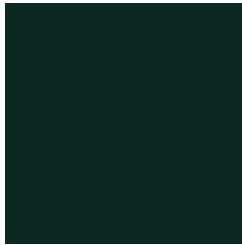
4283695119



4292083750

Previews

White Background



This preview shows how the Android color 4278986787 looks on a white background.

Color Contrast Check

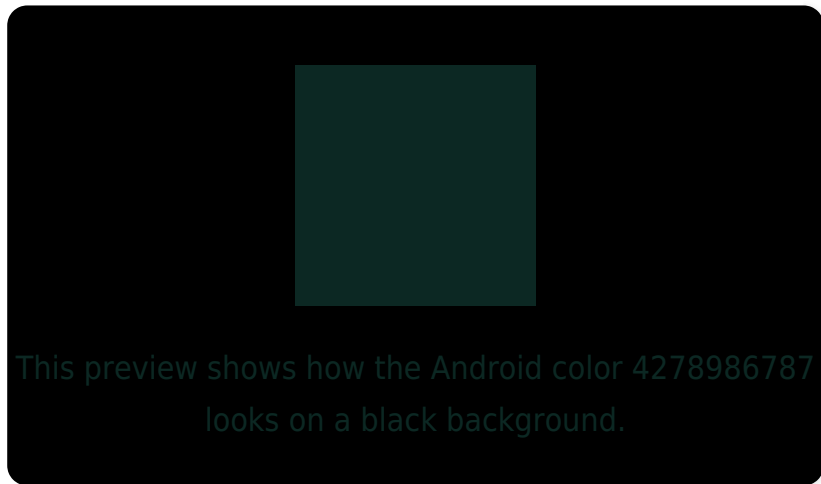
Large Text (above 18pt) WCAG AA ✓ Pass

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

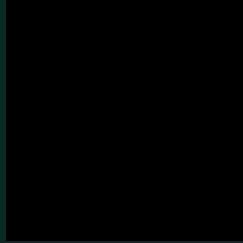
Any Text WCAG AA × Fail

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 4278986787 Background



This preview shows how black text looks on a background with the Android color 4278986787.



This preview shows how white text looks on a background with the Android color 4278986787.

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
4278986787

Protanopia
4280623905

Deuteranopia
4280754980

Trichromacy



Original Color

4278986787

Protanomaly

4280034594

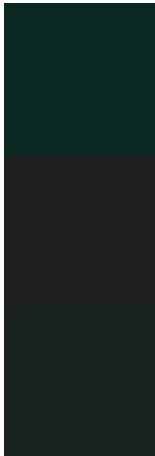
Deuteranomaly

4280100132

Tritanomaly

4279183143

Monochromacy



Original Color

4278986787

Achromatopsia

4280229663

Achromatomaly

4279771680

CSS Examples

Text

The CSS property to change the color of the text to Android 4278986787 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, 40, 35)` looks like.

```
.text, #text, p{  
    color:rgb(12, 40, 35)  
}
```

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, 40, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 40, 35) }
```

Border

The CSS property to change the border of an element to Android 4278986787 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, 40, 35) }
```

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

```
.border{ border-color:rgb(12, 40, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 40, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 40, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 40, 35);  
box-shadow:4px 4px 4px 4px rgb(12, 40, 35)  
}
```

Background

The CSS property to change the background color of an element to Android 4278986787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 40, 35) }
```

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

```
.background{ background-color: rgb(12, 40,  
35) }
```

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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