

Converting Colors

Android(4278845486)

Have a look what the booklet for
Android(4278845486) contains.

Android(4278845486)	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(4278845486)

Conversions

Conversions Part 1

Format	Color
Hex	0A002E
RGB	10, 0, 46
RGB Percent	4%, 0%, 18%
CMY	0.9608, 1.0000, 0.8196
CMYK	0.78, 1.00, 0.00, 0.82
HSL	253°, 100%, 9%
HSV	253°, 100%, 18%
XYZ	0.6183, 0.2618, 2.6027
YIQ	8.2340, -8.8060, 16.4260

Conversions

Conversions Part 2

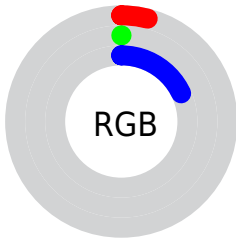
Format	Color
R_{YB}	10, 0, 46
Decimal	655406
CIE Lab	2.36, 15.14, -25.95
CIE LCh	2, 30.041, 300.255
Yxy	0.2618, 0.1775, 0.0752
Android (android.graphics.Color)	4278845486 (0xFF0A002E)
YUV	8.2340, 18.6186, 1.5488
Hunter-Lab	5.1165, 12.6174, -26.5786

Details

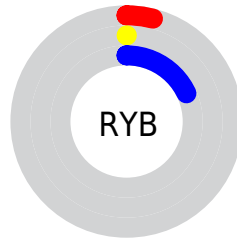
The Android color **4278845486** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4280561152**, and the grayscale version is **4278716424**.

A 20% lighter version of the original color is **4281741148**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278845486**, and if you desaturate by 10%, it is **4279108910**.

Distribution



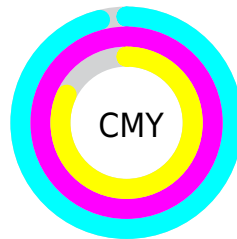
- Red (4%)
- Green (0%)
- Blue (18%)



- Red (4%)
- Yellow (0%)
- Blue (18%)



- Cyan (78%)
- Magenta (100%)
- Yellow (0%)
- Black (82%)




- Cyan (96%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278845486 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 4278845486 by changing the saturation by 10% instead.

 4278845486

 4278845486

 4293845759

 4278190361

 4281741148

 4278190080

 4283319925

 4284898703

 4286609065

 4288385221

 4290161377

 4292003582

 4278845486

■ 4279108910

■ 4279306542

■ 4279569966

■ 4279767598

■ 4280031022

■ 4280294446

■ 4280492078

■ 4280755502

■ 4280953134

Harmonies

Analogous

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



4278193203



4278845486



4280549408

Triad

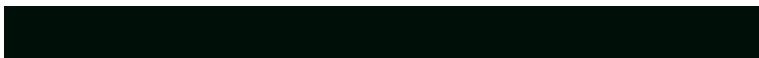
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278845486



4280418304



4278194184

Complementary

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



4278845486



4280561152

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.



4278193920



4278845486



4279044096

Square

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



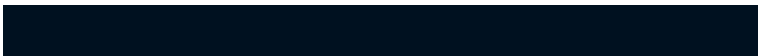
4278845486



4281008128



4278193920



4278194464

Rectangle

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



4278845486



4281008148



4278193920

Sweetspot

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



4278845486



4281149755



4278199342



4279637023



4288585374



4280229663

Same Dimension

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



4278845486



4279042107



4280352814



4279571735



4279435351



4281270486

Inverse Universe

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



4281204772



4282056750



4279053824



4279702806



4283891780



4292214952

Previews

White Background



This preview shows how the Android color 4278845486 looks on a white background.

Color Contrast Check

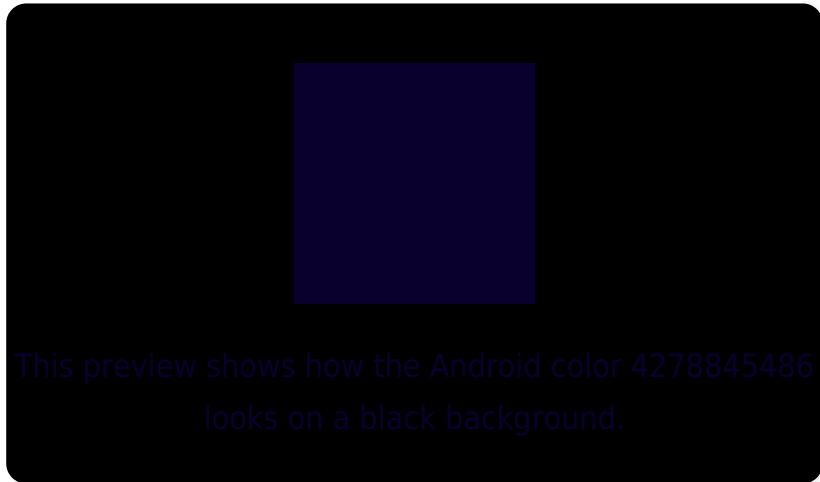
Large Text (above 18pt) WCAG AA ✓ Pass

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

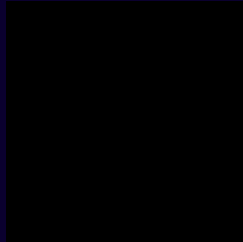
Any Text WCAG AA × Fail

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 4278845486 Background



This preview shows how black text looks on a background with the Android color 4278845486.



This preview shows how white text looks on a background with the Android color 4278845486.

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
4278845486

Protanopia
4278193694

Deuteranopia
4278193945



Tritanopia
4278194193

Trichromacy



Original Color

4278845486

Protanomaly

4278454564

Deuteranomaly

4278454817

Tritanomaly

4278454812

Monochromacy



Original Color

4278845486

Achromatopsia

4278716424

Achromatomaly

4278781206

CSS Examples

Text

The CSS property to change the color of the text to Android 4278845486 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(10, 0, 46)` looks like.

```
.text, #text, p{  
    color:rgb(10, 0, 46)  
}
```

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(10, 0, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 0, 46) }
```

Border

The CSS property to change the border of an element to Android 4278845486 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(10, 0, 46) }
```

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

```
.border{ border-color:rgb(10, 0, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 0, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 0, 46); -webkit-box-shadow:4px  
4px 4px 4px rgb(10, 0, 46); box-shadow:4px  
4px 4px 4px rgb(10, 0, 46) }
```

Background

The CSS property to change the background color of an element to Android 4278845486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 0, 46) }
```

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

```
.background{ background-color: rgb(10, 0,  
46) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor