

Converting Colors

Android(4280486403)

Have a look what the booklet for
Android(4280486403) contains.

Android(4280486403)	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(4280486403)

Conversions

Conversions Part 1

Format	Color
Hex	230A03
RGB	35, 10, 3
RGB Percent	14%, 4%, 1%
CMY	0.8627, 0.9608, 0.9882
CMYK	0.00, 0.71, 0.91, 0.86
HSL	13°, 84%, 7%
HSV	13°, 91%, 14%
XYZ	0.8181, 0.5810, 0.1552
YIQ	16.6770, 17.1470, 3.1230

Conversions

Conversions Part 2

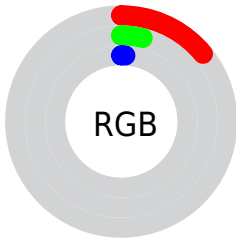
Format	Color
RYB	35, 12, 3
Decimal	2296323
CIELab	5.25, 10.89, 6.83
CIElCh	5, 12.856, 32.084
Yxy	0.5810, 0.5264, 0.3738
Android (android.graphics.Color)	4280486403 (0xFF230A03)
YUV	16.6770, -6.7428, 16.0693
Hunter-Lab	7.6222, 5.8200, 4.1286

Details

The Android color **4280486403** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4278393891**, and the grayscale version is **4279308561**.

A 20% lighter version of the original color is **4283381298**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280485888**, and if you desaturate by 10%, it is **4280487175**.

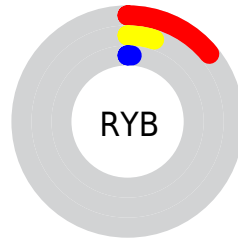
Distribution



Red (14%)

Green (4%)

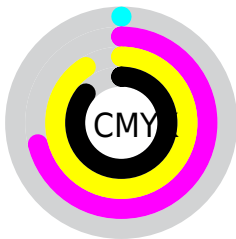
Blue (1%)



Red (14%)

Yellow (5%)

Blue (1%)

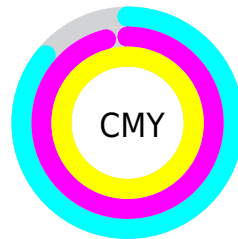


Cyan (0%)

Magenta (71%)

Yellow (91%)

Black (86%)



Cyan (86%)

Magenta (96%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280486403 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 4280486403 by changing the saturation by 10% instead.

 4280486403

 4280486403

 4294961893

 4278190080


 4283381298

 4285025352

 4286669920

 4288445817

 4290221971

 4291998381

 4293906121

 4280486403

 4280486403

■ 4280485888

■ 4280487175

■ 4280487690

■ 4280488462

■ 4280489233

■ 4280490005

■ 4280490520

■ 4280491292

■ 4280492063

■ 4280492835

Harmonies

Analogous

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



4280420625



4280486403



4280225024

Triad

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



4280486403



4278195972



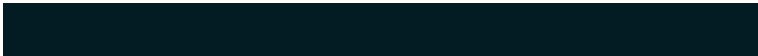
4278456867

Complementary

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



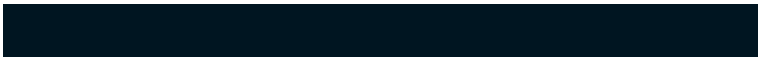
4280486403



4278393891

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.



4278195489



4280486403



4278196242

Square

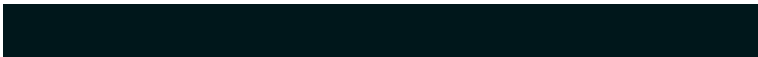
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4280486403



4278981632



4278195995



4279504416

Rectangle

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



4280486403



4279898112



4278195995



4278194979

Sweetspot

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



4280486403



4281213986



4280484636



4279701776



4288059030



4279703319

Same Dimension

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



4280486403



4281207296



4280490499



4279373840



4283568640



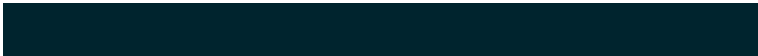
4291898880

Inverse Universe

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



4278393891



4278199342



4278389795



4279243026



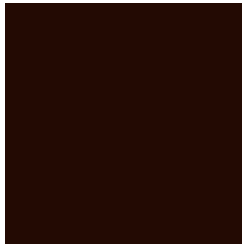
4278206546



4278232017

Previews

White Background



This preview shows how the Android color 4280486403 looks on a white background.

Color Contrast Check

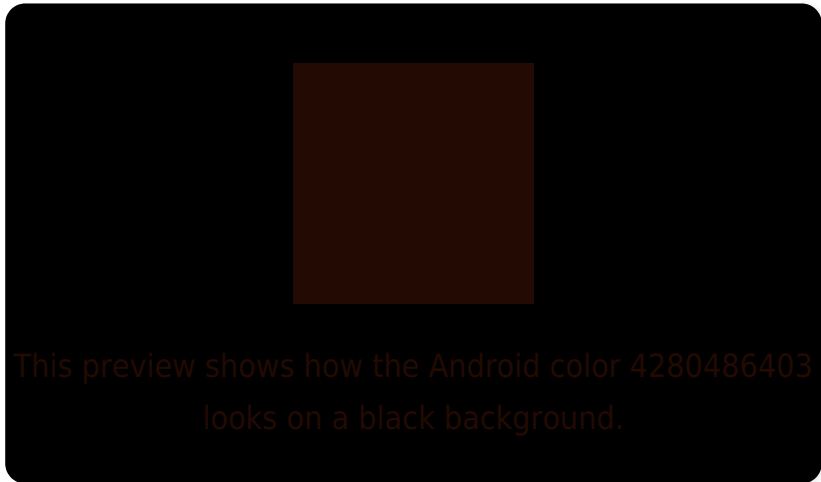
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280486403 Background



This preview shows how black text looks on a background with the Android color 4280486403.

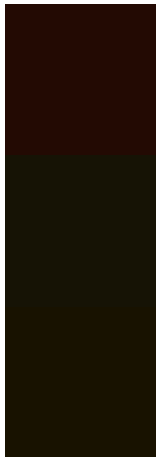


This preview shows how white text looks on a background with the Android color 4280486403.

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

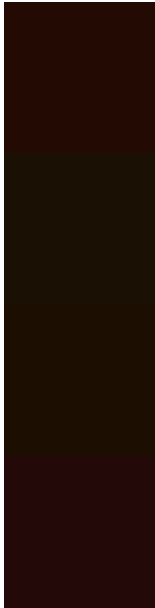


Original Color
4280486403

Protanopia
4279636741

Deuteranopia
4279767552

Trichromacy



Original Color

4280486403

Protanomaly

4279963652

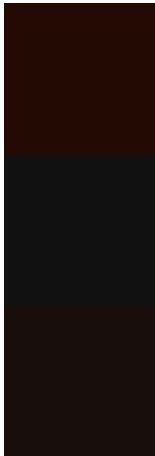
Deuteranomaly

4280028929

Tritanomaly

4280486151

Monochromacy



Original Color

4280486403

Achromatopsia

4279308561

Achromatomaly

4279766540

CSS Examples

Text

The CSS property to change the color of the text to Android 4280486403 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(35, 10, 3)` looks like.

```
.text, #text, p{  
    color:rgb(35, 10, 3)  
}
```

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(35, 10, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 10, 3) }
```

Border

The CSS property to change the border of an element to Android 4280486403 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(35, 10, 3) }
```

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

```
.border{ border-color:rgb(35, 10, 3) }
```

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

Here you see how a box with a 4 pixel rgb(35, 10, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 10, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(35, 10, 3); box-shadow:4px  
4px 4px 4px rgb(35, 10, 3) }
```

Background

The CSS property to change the background color of an element to Android 4280486403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 10, 3) }
```

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

```
.background{ background-color: rgb(35, 10,  
3) }
```

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