

Converting Colors

Android(4281406003)

Have a look what the booklet for
Android(4281406003) contains.

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Color

Android(4281406003)

Conversions

Conversions Part 1

Format	Color
Hex	311233
RGB	49, 18, 51
RGB Percent	19%, 7%, 20%
CMY	0.8078, 0.9294, 0.8000
CMYK	0.04, 0.65, 0.00, 0.80
HSL	296°, 48%, 14%
HSV	296°, 65%, 20%
XYZ	2.0805, 1.3246, 3.2780
YIQ	31.0310, 7.8830, 16.8350

Conversions

Conversions Part 2

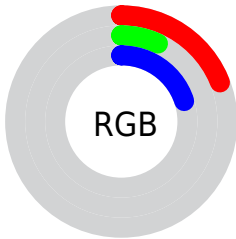
Format	Color
RYB	49, 18, 51
Decimal	3215923
CIELab	11.45, 21.56, -14.90
CIELCh	11, 26.207, 325.362
Yxy	1.3246, 0.3113, 0.1982
Android (android.graphics.Color)	4281406003 (0xFF311233)
YUV	31.0310, 9.8447, 15.7588
Hunter-Lab	11.5091, 12.1260, -8.8304

Details

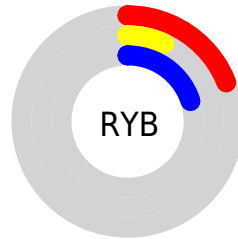
The Android color **4281406003** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4279513874**, and the grayscale version is **4280229663**.

A 20% lighter version of the original color is **4284497506**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4281404723**, and if you desaturate by 10%, it is **4281407283**.

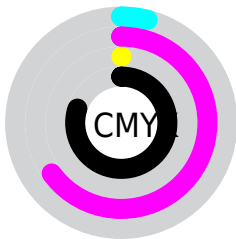
Distribution



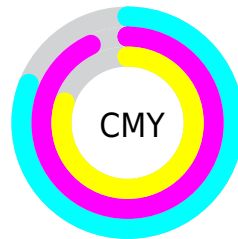
- Red (19%)
- Green (7%)
- Blue (20%)



- Red (19%)
- Yellow (7%)
- Blue (20%)



- Cyan (4%)
- Magenta (65%)
- Yellow (0%)
- Black (80%)



- Cyan (81%)
- Magenta (93%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281406003 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 4281406003 by changing the saturation by 10% instead.



4281406003



4281406003



4294964991



4280221726



4284497506



4278190080



4286207610



4287917716



4289693871



4291470026



4293377767



4294957567



4281406003



4281406003

■ 4281404723

■ 4281407283

■ 4281337907

■ 4281474099

■ 4281336627

■ 4281475379

■ 4281335859

■ 4281476659

■ 4281543731

■ 4281545011

■ 4281546291

■ 4281547571

■ 4281614387

Harmonies

Analogous

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



4279769919



4281406003



4282125090

Triad

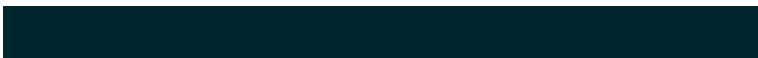
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4281406003



4280950016



4278200109

Complementary

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



4281406003



4279513874

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.



4278200091



4281406003



4279837184

Square

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



4281406003



4281799936



4278199556



4278199612

Rectangle

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



4281406003



4282256150



4278199556



4278200103

Sweetspot

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



4281406003



4282529346



4279374899



4280359457



4288782753



4280361249

Same Dimension

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



4281406003



4282322754



4281537061



4279834394



4283695193



4291559641

Inverse Universe

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



4281537044



4282519314



4279382816



4279899927



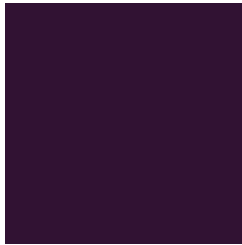
4284022789



4292411405

Previews

White Background



This preview shows how the Android color 4281406003 looks on a white background.

Color Contrast Check

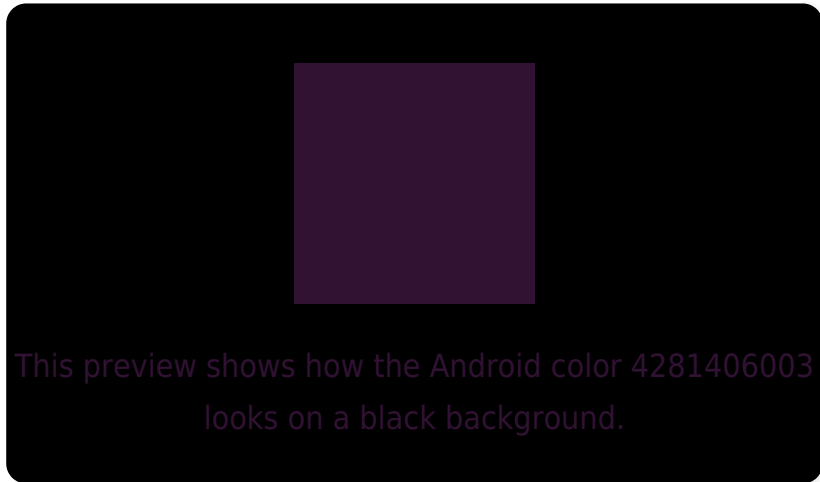
Large Text (above 18pt) WCAG AA ✓ Pass

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

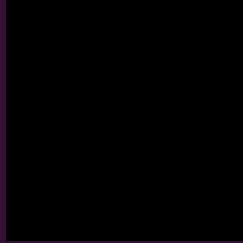
Any Text WCAG AA × Fail

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 4281406003 Background



This preview shows how black text looks on a background with the Android color 4281406003.



This preview shows how white text looks on a background with the Android color 4281406003.

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
4281406003

Protanopia
4278853183

Deuteranopia
4279705393



Tritanopia
4281211163

Trichromacy



Original Color
4281406003

Protanomaly
4279769659

Deuteranomaly
4280293938

Tritanomaly
4281275940

Monochromacy



Original Color
4281406003

Achromatopsia
4280229663

Achromatomaly
4280687142

CSS Examples

Text

The CSS property to change the color of the text to Android 4281406003 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(49, 18, 51)` looks like.

```
.text, #text, p{  
    color:rgb(49, 18, 51)  
}
```

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(49, 18, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 18, 51) }
```

Border

The CSS property to change the border of an element to Android 4281406003 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(49, 18, 51) }
```

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

```
.border{ border-color:rgb(49, 18, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 18, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 18, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 18, 51);  
box-shadow:4px 4px 4px 4px rgb(49, 18, 51)  
}
```

Background

The CSS property to change the background color of an element to Android 4281406003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 18, 51) }
```

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

```
.background{ background-color: rgb(49, 18,  
51) }
```

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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