

Converting Colors

Android(4283106051)

Have a look what the booklet for
Android(4283106051) contains.

Android(4283106051)	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(4283106051)

Conversions

Conversions Part 1

Format	Color
Hex	4B0303
RGB	75, 3, 3
RGB Percent	29%, 1%, 1%
CMY	0.7059, 0.9882, 0.9882
CMYK	0.00, 0.96, 0.96, 0.71
HSL	0°, 92%, 15%
HSV	0°, 96%, 29%
XYZ	2.9506, 1.5676, 0.2332
YIQ	24.5280, 42.9120, 15.2640

Conversions

Conversions Part 2

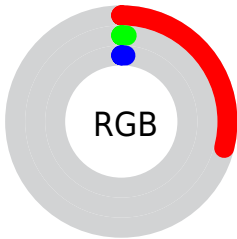
Format	Color
R _Y B	75, 3, 3
Decimal	4915971
CIE Lab	13.03, 32.01, 19.13
CIE LCh	13, 37.291, 30.867
Yxy	1.5676, 0.6210, 0.3299
Android (android.graphics.Color)	4283106051 (0xFF4B0303)
YUV	24.5280, -10.6133, 44.2639
Hunter-Lab	12.5202, 20.1569, 7.6598

Details

The Android color **4283106051** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **4278405963**, and the grayscale version is **4279834905**.

A 20% lighter version of the original color is **4286658097**, and **4278517760** is the 20% darker color. If you saturate the color by 10%, you get **4283105280**, and if you desaturate by 10%, it is **4283108107**.

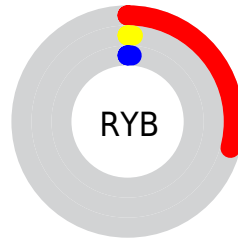
Distribution



Red (29%)

Green (1%)

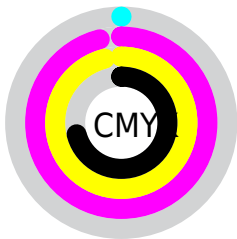
Blue (1%)



Red (29%)

Yellow (1%)

Blue (1%)

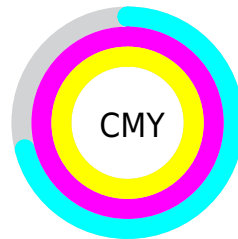


Cyan (0%)

Magenta (96%)

Yellow (96%)

Black (71%)



Cyan (71%)

Magenta (99%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283106051 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 4283106051 by changing the saturation by 10% instead.

 4283106051

 4283106051

 4294963428

 4281466880

 4286658097

 4278517760

 4288499528

 4278190080

 4290406495

 4292313464

 4294286482

 4294948781

 4294955976

 4283106051

 4283106051

■ 4283105280

■ 4283108107

■ 4283109906

■ 4283111705

■ 4283113761

■ 4283115817

■ 4283117616

■ 4283119672

■ 4283121471

■ 4283123527

Harmonies

Analogous

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



4283236386



4283106051



4282258688

Triad

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



4283106051



4278201089



4278199638

Complementary

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



4283106051



4278405963

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.



4278200911



4283106051



4278201378

Square

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



4283106051



4279248640



4278201404



4280097359

Rectangle

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



4283106051



4281474560



4278201404



4278200149

Sweetspot

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



4283106051



4284564805



4283106123



4281343775



4289769648



4281348144

Same Dimension

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



4283106051



4284547072



4283115267



4280689186



4284874752



4293263360

Inverse Universe

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



4278405963



4278215009



4278396747



4280428070



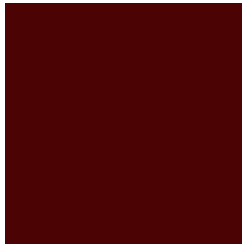
4278216294



4278249190

Previews

White Background



This preview shows how the Android color 4283106051 looks on a white background.

Color Contrast Check

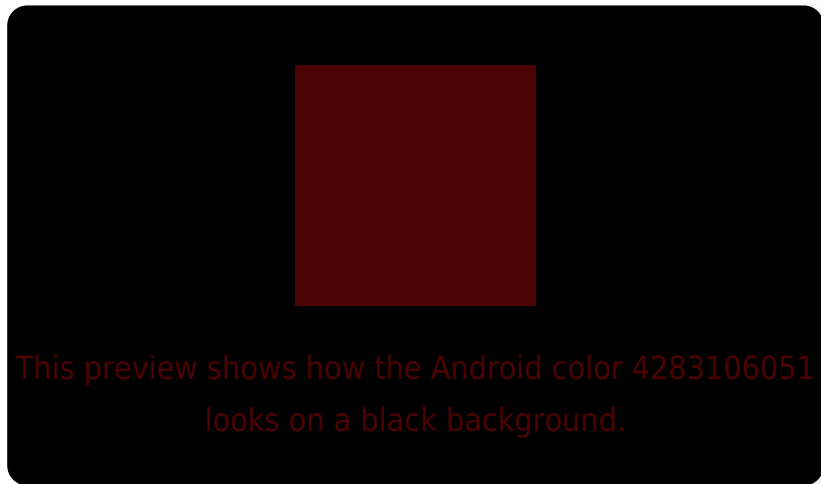
Large Text (above 18pt) WCAG AA ✓ Pass

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

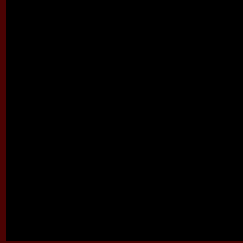
Any Text WCAG AA × Fail

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 4283106051 Background



This preview shows how black text looks on a background with the Android color 4283106051.

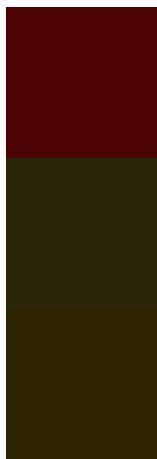


This preview shows how white text looks on a background with the Android color 4283106051.

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

4283106051

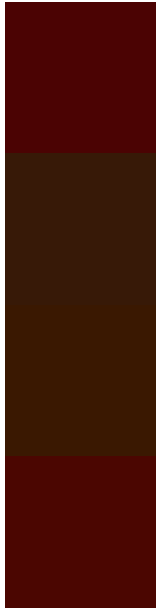
Protanopia

4281017866

Deuteranopia

4281345024

Trichromacy



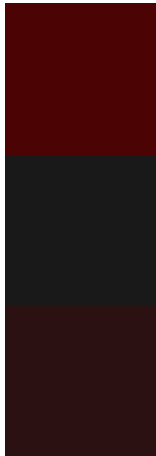
Original Color
4283106051

Protanomaly
4281800967

Deuteranomaly
4281997313

Tritanomaly
4283106817

Monochromacy



Original Color
4283106051

Achromatopsia
4279834905

Achromatomaly
4281012497

CSS Examples

Text

The CSS property to change the color of the text to Android 4283106051 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(75, 3, 3)` looks like.

```
.text, #text, p{  
    color:rgb(75, 3, 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(75, 3, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 3, 3) }
```

Border

The CSS property to change the border of an element to Android 4283106051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

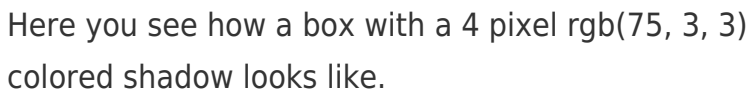
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(75, 3, 3) }
```

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

```
.border{ border-color:rgb(75, 3, 3) }
```

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



Here you see how a box with a 4 pixel `rgb(75, 3, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 3, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 3, 3); box-shadow:4px  
4px 4px 4px rgb(75, 3, 3) }
```

Background

The CSS property to change the background color of an element to Android 4283106051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 3, 3) }
```

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

```
.background{ background-color: rgb(75, 3,  
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