

Converting Colors

Android(4283175168)

Have a look what the booklet for
Android(4283175168) contains.

Android(4283175168)	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(4283175168)

Conversions

Conversions Part 1

Format	Color
Hex	4C1100
RGB	76, 17, 0
RGB Percent	30%, 7%, 0%
CMY	0.7020, 0.9333, 1.0000
CMYK	0.00, 0.78, 1.00, 0.70
HSL	13°, 100%, 15%
HSV	13°, 100%, 30%
XYZ	3.1809, 1.9374, 0.2063
YIQ	32.7030, 40.6210, 7.2210

Conversions

Conversions Part 2

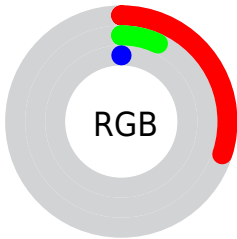
Format	Color
R_{YB}	76, 22, 0
Decimal	4985088
CIE _{Lab}	15.16, 26.84, 23.18
CIE _{LCh}	15, 35.463, 40.814
Yxy	1.9374, 0.5974, 0.3639
Android (android.graphics.Color)	4283175168 (0xFF4C1100)
YUV	32.7030, -16.1226, 37.9715
Hunter-Lab	13.9190, 16.4346, 8.8646

Details

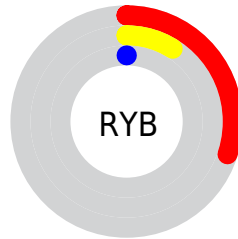
The Android color **4283175168** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **4278205260**, and the grayscale version is **4280361249**.

A 20% lighter version of the original color is **4286726191**, and **4279173120** is the 20% darker color. If you saturate the color by 10%, you get **4283175168**, and if you desaturate by 10%, it is **4283176712**.

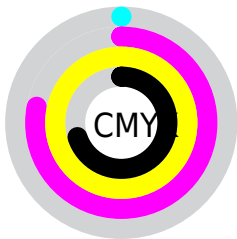
Distribution



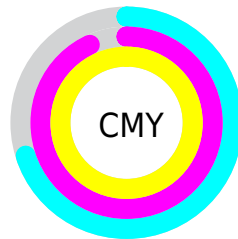
- Red (30%)
- Green (7%)
- Blue (0%)



- Red (30%)
- Yellow (9%)
- Blue (0%)



- Cyan (0%)
- Magenta (78%)
- Yellow (100%)
- Black (70%)



- Cyan (70%)
- Magenta (93%)
- Yellow (100%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283175168 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 4283175168 by changing the saturation by 10% instead.

 4283175168

 4283175168

 4294965986

 4281466880

 4286726191

 4279173120

 4288567366

 4278190080

 4290408797

 4292316022

 4294289040

 4294951338

 4294958534

 4283175168

■ 4283176712

■ 4283178255

■ 4283179799

■ 4283181342

■ 4283182886

■ 4283184174

■ 4283185717

■ 4283187261

■ 4283188804

Harmonies

Analogous

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



4283499550



4283175168



4282195712

Triad

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



4283175168



4278202388



4278199896

Complementary

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



4283175168



4278205260

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.



4278201686



4283175168



4278202671

Square

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



4283175168



4279053568



4278202438



4281408076

Rectangle

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



4283175168



4281345280



4278202438



4278200665

Sweetspot

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



4283175168



4284697670



4283170876



4281541921



4289967027



4281545523

Same Dimension

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



4283175168



4284683776



4283184640



4280689442



4284880640



4293276416

Inverse Universe

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



4278205260



4278209891



4278195788



4280427814



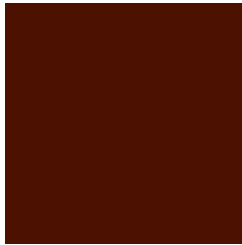
4278210406



4278235878

Previews

White Background



This preview shows how the Android color 4283175168 looks on a white background.

Color Contrast Check

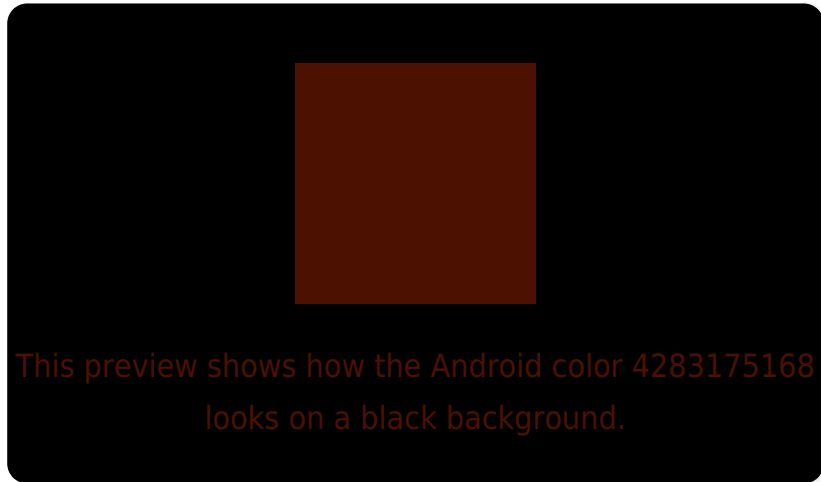
Large Text (above 18pt) WCAG AA ✓ Pass

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

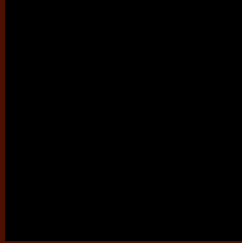
Any Text WCAG AA × Fail

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 4283175168 Background



This preview shows how black text looks on a background with the Android color 4283175168.

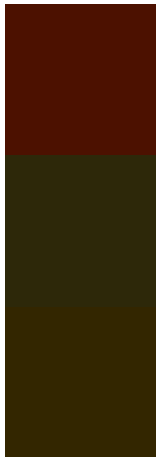


This preview shows how white text looks on a background with the Android color 4283175168.

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
4283175168

Protanopia
4281149449

Deuteranopia
4281542144

Trichromacy



Original Color

4283175168

Protanomaly

4281868294

Deuteranomaly

4282129920

Tritanomaly

4283174922

Monochromacy



Original Color

4283175168

Achromatopsia

4280361249

Achromatomaly

4281408277

CSS Examples

Text

The CSS property to change the color of the text to Android 4283175168 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(76, 17, 0)` looks like.

```
.text, #text, p{  
    color:rgb(76, 17, 0)  
}
```

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(76, 17, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 17, 0) }
```

Border

The CSS property to change the border of an element to Android 4283175168 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(76, 17, 0) }
```

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

```
.border{ border-color:rgb(76, 17, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 17, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 17, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 17, 0); box-shadow:4px  
4px 4px 4px rgb(76, 17, 0) }
```

Background

The CSS property to change the background color of an element to Android 4283175168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 17, 0) }
```

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

```
.background{ background-color: rgb(76, 17,  
0) }
```

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