

Converting Colors

Android(4283176201)

Have a look what the booklet for
Android(4283176201) contains.

Android(4283176201)	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(4283176201)

Conversions

Conversions Part 1

Format	Color
Hex	4C1509
RGB	76, 21, 9
RGB Percent	30%, 8%, 4%
CMY	0.7020, 0.9176, 0.9647
CMYK	0.00, 0.72, 0.88, 0.70
HSL	11°, 79%, 17%
HSV	11°, 88%, 30%
XYZ	3.2980, 2.0926, 0.4885
YIQ	36.0770, 36.6320, 7.9280

Conversions

Conversions Part 2

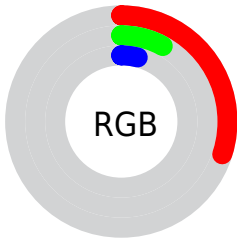
Format	Color
RYB	76, 24, 9
Decimal	4986121
CIELab	15.97, 25.30, 20.54
CIELCh	16, 32.587, 39.072
Yxy	2.0926, 0.5610, 0.3559
Android (android.graphics.Color)	4283176201 (0xFF4C1509)
YUV	36.0770, -13.3490, 35.0125
Hunter-Lab	14.4657, 15.3805, 8.1237

Details

The Android color **4283176201** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **4278796364**, and the grayscale version is **4280558628**.

A 20% lighter version of the original color is **4286661429**, and **4279369728** is the 20% darker color. If you saturate the color by 10%, you get **4283174657**, and if you desaturate by 10%, it is **4283177745**.

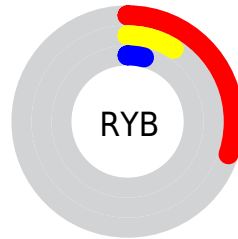
Distribution



Red (30%)

Green (8%)

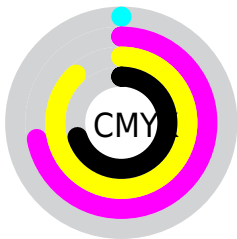
Blue (4%)



Red (30%)

Yellow (9%)

Blue (4%)

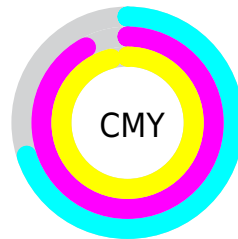


Cyan (0%)

Magenta (72%)

Yellow (88%)

Black (70%)



Cyan (70%)

Magenta (92%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283176201 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 4283176201 by changing the saturation by 10% instead.

 4283176201

 4283176201

 4294966761

 4281466880

 4286661429

 4279369728

 4288502604

 4278190080

 4290409572

 4292251261

 4294224279

 4294952370

 4294959565

 4283176201

 4283176201

■ 4283174657

■ 4283177745

■ 4283174400

■ 4283179288

■ 4283181088

■ 4283182631

■ 4283184175

■ 4283185719

■ 4283187518

■ 4283189062

■ 4283190605

Harmonies

Analogous

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



4283436066



4283176201



4282327040

Triad

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



4283176201



4278202646



4278200406

Complementary

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



4283176201



4278796364

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.



4278202195



4283176201



4278202926

Square

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



4283176201



4279512576



4278202692



4281409100

Rectangle

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



4283176201



4281542144



4278202692



4278201174

Sweetspot

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



4283176201



4284698186



4283173185



4281542179



4289967027



4281545523

Same Dimension

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



4283176201



4284682752



4283184649



4280689442



4284879360



4293273856

Inverse Universe

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



4278796364



4278211171



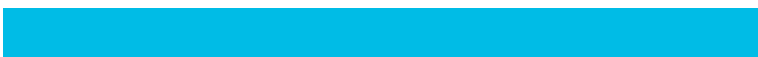
4278787916



4280428070



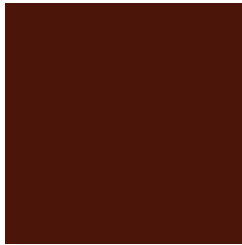
4278211686



4278238438

Previews

White Background



This preview shows how the Android color 4283176201 looks on a white background.

Color Contrast Check

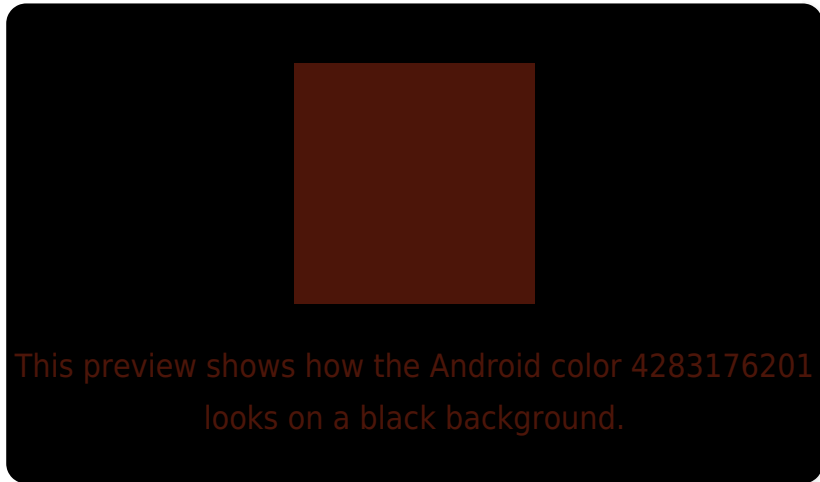
Large Text (above 18pt) WCAG AA ✓ Pass

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

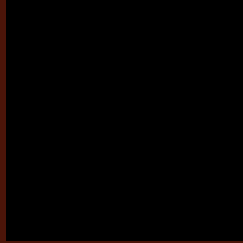
Any Text WCAG AA × Fail

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 4283176201 Background



This preview shows how black text looks on a background with the Android color 4283176201.

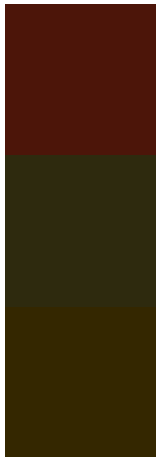


This preview shows how white text looks on a background with the Android color 4283176201.

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
4283176201

Protanopia
4281215502

Deuteranopia
4281607936

Trichromacy



Original Color
4283176201

Protanomaly
4281934348

Deuteranomaly
4282195971

Tritanomaly
4283175953

Monochromacy



Original Color
4283176201

Achromatopsia
4280558628

Achromatomaly
4281540378

CSS Examples

Text

The CSS property to change the color of the text to Android 4283176201 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, 21, 9)` looks like.

```
.text, #text, p{  
    color:rgb(76, 21, 9)  
}
```

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, 21, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 21, 9) }
```

Border

The CSS property to change the border of an element to Android 4283176201 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, 21, 9) }
```

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

```
.border{ border-color:rgb(76, 21, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 21, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 21, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 21, 9); box-shadow:4px  
4px 4px 4px rgb(76, 21, 9) }
```

Background

The CSS property to change the background color of an element to Android 4283176201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 21, 9) }
```

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

```
.background{ background-color: rgb(76, 21,  
9) }
```

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