

Converting Colors

Android(4282068224)

Have a look what the booklet for
Android(4282068224) contains.

Android(4282068224)	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(4282068224)

Conversions

Conversions Part 1

Format	Color
Hex	3B2D00
RGB	59, 45, 0
RGB Percent	23%, 18%, 0%
CMY	0.7686, 0.8235, 1.0000
CMYK	0.00, 0.24, 1.00, 0.77
HSL	46°, 100%, 12%
HSV	46°, 100%, 23%
XYZ	2.7420, 2.8066, 0.3972
YIQ	44.0560, 22.7890, -11.0270

Conversions

Conversions Part 2

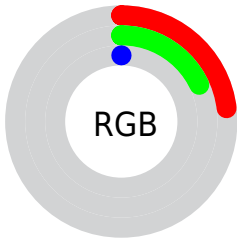
Format	Color
R_{YB}	18, 59, 0
Decimal	3878144
CIE Lab	19.25, 1.40, 27.51
CIE LCh	19, 27.547, 87.086
Yxy	2.8066, 0.4612, 0.4720
Android (android.graphics.Color)	4282068224 (0xFF3B2D00)
YUV	44.0560, -21.7196, 13.1059
Hunter-Lab	16.7528, -0.1015, 10.3212

Details

The Android color **4282068224** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4278193723**, and the grayscale version is **4281084972**.

A 20% lighter version of the original color is **4285356591**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4282068224**, and if you desaturate by 10%, it is **4282068486**.

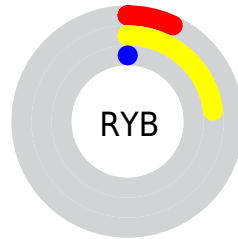
Distribution



Red (23%)

Green (18%)

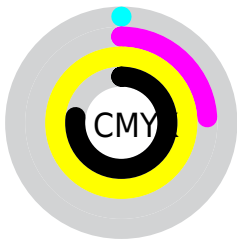
Blue (0%)



Red (7%)

Yellow (23%)

Blue (0%)

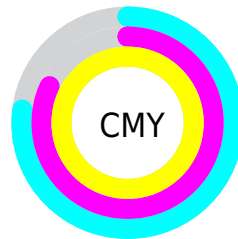


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (77%)



Cyan (77%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282068224 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 4282068224 by changing the saturation by 10% instead.

 4282068224

 4282068224

 4294967268

 4280490240

 4285356591

 4278190080

 4287066950

 4288842846

 4290619255

 4292526737

 4294434476

 4294965959

 4282068224

■ 4282068486

■ 4282069004

■ 4282069266

■ 4282069784

■ 4282070045

■ 4282070307

■ 4282070825

■ 4282071087

■ 4282071605

Harmonies

Analogous

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



4283049228



4282068224



4280759046

Triad

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



4282068224



4278204480



4282720581

Complementary

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



4282068224



4278193723

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.



4281018963



4282068224



4278203984

Square

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



4282068224



4278204460



4278202967



4283505714

Rectangle

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



4282068224



4279645458



4278202967



4282262602

Sweetspot

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



4282068224



4283254582



4282056719



4280689432



4289111718



4280690214

Same Dimension

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



4282068224



4283251200



4281088768



4280229404



4284368896



4292782336

Inverse Universe

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



4278193723



4278194765



4279173179



4280032287



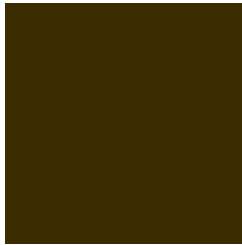
4278195806



4278203870

Previews

White Background



This preview shows how the Android color 4282068224 looks on a white background.

Color Contrast Check

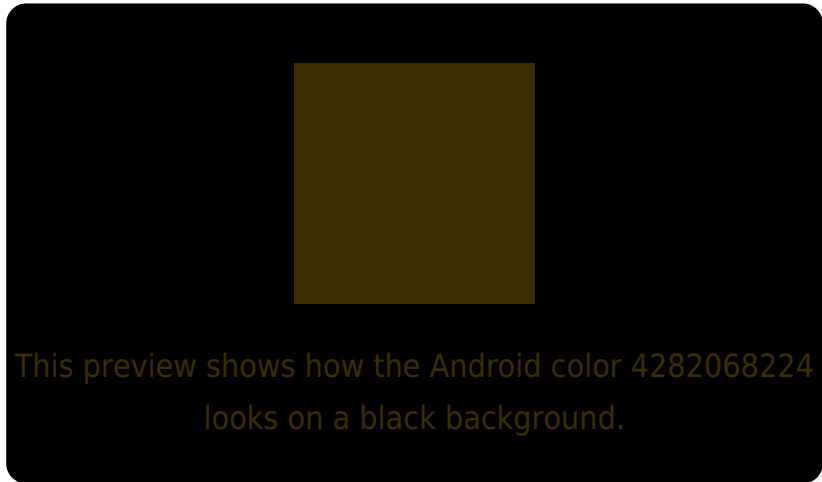
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282068224 Background



This preview shows how black text looks on a background with the Android color 4282068224.



This preview shows how white text looks on a background with the Android color 4282068224.

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

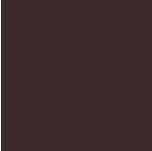
4282068224

Protanopia

4281675523

Deuteranopia

4282133762



Tritanopia
4282198573

Trichromacy



Original Color

4282068224

Protanomaly

4281806338

Deuteranomaly

4282133761

Tritanomaly

4282133277

Monochromacy



Original Color

4282068224

Achromatopsia

4281084972

Achromatomaly

4281412636

CSS Examples

Text

The CSS property to change the color of the text to Android 4282068224 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(59, 45, 0)` looks like.

```
.text, #text, p{  
    color:rgb(59, 45, 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(59, 45, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 45, 0) }
```

Border

The CSS property to change the border of an element to Android 4282068224 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(59, 45, 0) }
```

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

```
.border{ border-color:rgb(59, 45, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 45, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 45, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 45, 0); box-shadow:4px  
4px 4px 4px rgb(59, 45, 0) }
```

Background

The CSS property to change the background color of an element to Android 4282068224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 45, 0) }
```

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

```
.background{ background-color: rgb(59, 45,  
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