

# Converting Colors

Android(4282723840)

Have a look what the booklet for  
Android(4282723840) contains.

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# Color

**Android(4282723840)**

# Conversions

Conversions Part 1	
Format	Color
Hex	452E00
RGB	69, 46, 0
RGB Percent	27%, 18%, 0%
CMY	0.7294, 0.8196, 1.0000
CMYK	0.00, 0.33, 1.00, 0.73
HSL	40°, 100%, 14%
HSV	40°, 100%, 27%
XYZ	3.4312, 3.2192, 0.4405
YIQ	47.6330, 28.4740, -9.4300

# Conversions

## Conversions Part 2

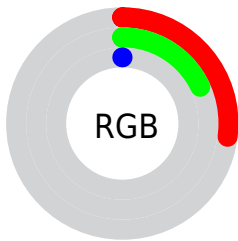
Format	Color
<a href="#">RYB</a>	<a href="#">35, 69, 0</a>
Decimal	<a href="#">4533760</a>
CIELab	<a href="#">20.90, 6.19, 29.74</a>
CIELCh	<a href="#">21, 30.374, 78.236</a>
Yxy	<a href="#">3.2192, 0.4839, 0.4540</a>
Android (android.graphics.Color)	<a href="#">4282723840</a> (0xFF452E00)
YUV	<a href="#">47.6330, -23.4831, 18.7389</a>
Hunter-Lab	<a href="#">17.9421, 2.7375, 11.1038</a>

# Details

The Android color **4282723840** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4278196037**, and the grayscale version is **4281348144**.

A 20% lighter version of the original color is **4286077999**, and **4279435264** is the 20% darker color. If you saturate the color by 10%, you get **4282723840**, and if you desaturate by 10%, it is **4282724359**.

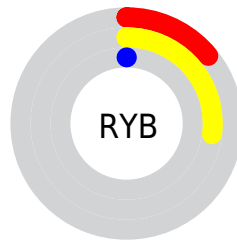
# Distribution



Red (27%)

Green (18%)

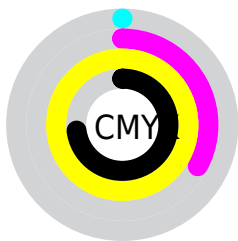
Blue (0%)



Red (14%)

Yellow (27%)

Blue (0%)

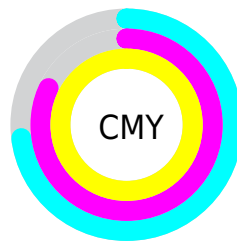


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (73%)



Cyan (73%)

Magenta (82%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282723840 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 4282723840 by changing the saturation by 10% instead.



 4282723840

 4282723840

 4294967268

 4281145600

 4286077999

 4279435264

 4287853638

 4278190080

 4289695327

 4291537016

 4293444498

 4294959020

 4294966472

 4282723840

■ 4282724359

■ 4282725134

■ 4282725653

■ 4282726172

■ 4282726947

■ 4282727465

■ 4282727984

■ 4282728503

■ 4282729278

# Harmonies

## Analogous

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



4283704593



4282723840



4281414913

# Triad

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



4282723840



4278205760



4282656336

# Complementary

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



4282723840



4278196037

# 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.



4280365149



4282723840



4278205267

# Square

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



4282723840



4278205480



4278204254



4283833916

# Rectangle

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



4282723840



4280301836



4278204254



4282067542



# Sweetspot

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



4282723840



4284043326



4282712087



4281215005



4289572269



4281216558



# Same Dimension

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



4282723840



4284038144



4281943296



4280558368



4284695040



4293105408



# Inverse Universe

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



4278196037



4278197849



4278911045



4280295716



4278198627

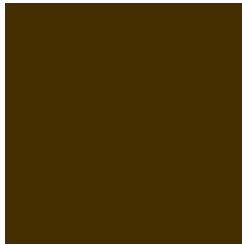


4278209763



# Previews

## White Background



This preview shows how the Android color 4282723840 looks on a white background.

## Color Contrast Check

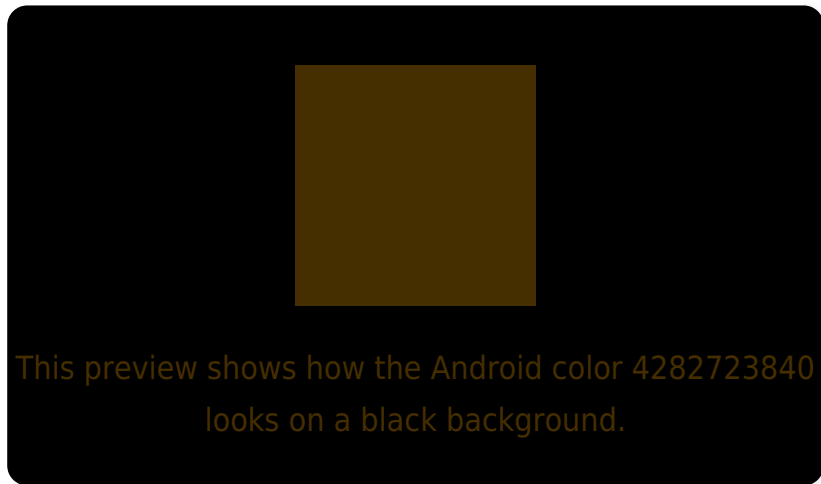
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282723840 Background



This preview shows how black text looks on a background with the Android color 4282723840.



This preview shows how white text looks on a background with the Android color 4282723840.

# 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



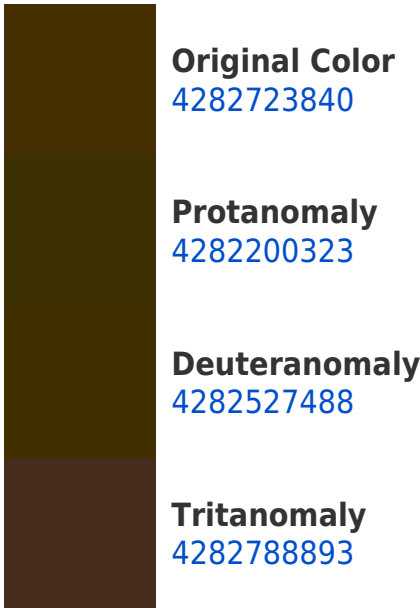
**Original Color**  
[4282723840](#)

**Protanopia**  
[4281938693](#)

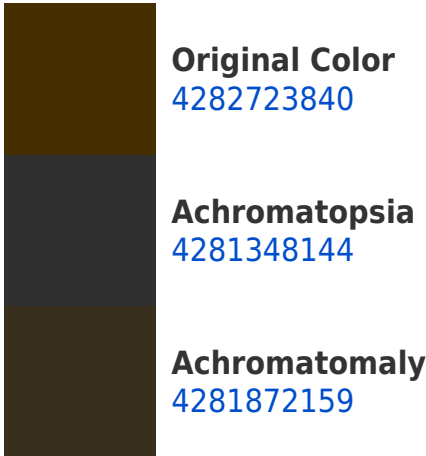
**Deuteranopia**  
[4282396672](#)



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282723840 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(69, 46, 0)` looks like.

```
.text, #text, p{  
    color:rgb(69, 46, 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(69, 46, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 46, 0) }
```

## Border

The CSS property to change the border of an element to Android 4282723840 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(69, 46, 0) }
```

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

```
.border{ border-color:rgb(69, 46, 0) }
```

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

Here you see how a box with a 4 pixel rgb(69, 46, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 46, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(69, 46, 0); box-shadow:4px  
4px 4px 4px rgb(69, 46, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4282723840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(69, 46, 0) }
```

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

```
.background{ background-color:rgb(69, 46,  
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](#).



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