

# Converting Colors

Android(4281670672)

Have a look what the booklet for  
Android(4281670672) contains.

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# Color

**Android(4281670672)**

# Conversions

## Conversions Part 1

Format	Color
Hex	351C10
RGB	53, 28, 16
RGB Percent	21%, 11%, 6%
CMY	0.7922, 0.8902, 0.9373
CMYK	0.00, 0.47, 0.70, 0.79
HSL	19°, 54%, 14%
HSV	19°, 70%, 21%
XYZ	1.9770, 1.6248, 0.6996
YIQ	34.1070, 18.7520, 1.5680

# Conversions

## Conversions Part 2

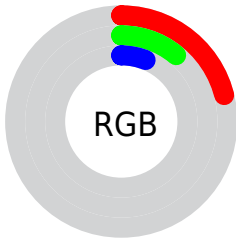
Format	Color
<a href="#">RYB</a>	<a href="#">53, 34, 16</a>
Decimal	<a href="#">3480592</a>
CIELab	<a href="#">13.38, 10.87, 13.06</a>
CIElCh	<a href="#">13, 16.992, 50.242</a>
Yxy	<a href="#">1.6248, 0.4596, 0.3777</a>
Android (android.graphics.Color)	<a href="#">4281670672 (0xFF351C10)</a>
YUV	<a href="#">34.1070, -8.9268, 16.5692</a>
Hunter-Lab	<a href="#">12.7468, 5.3779, 5.6685</a>

# Details

The Android color **4281670672** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **4279249205**, and the grayscale version is **4280427042**.

A 20% lighter version of the original color is **4284893242**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4281669643**, and if you desaturate by 10%, it is **4281671701**.

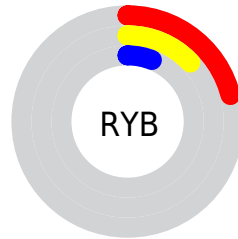
# Distribution



 Red (21%)

 Green (11%)

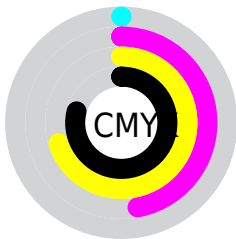
 Blue (6%)



 Red (21%)

 Yellow (13%)

 Blue (6%)

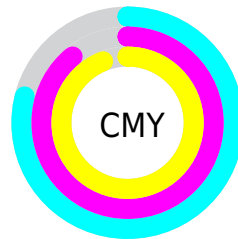


 Cyan (0%)

 Magenta (47%)

 Yellow (70%)

 Black (79%)



 Cyan (79%)

 Magenta (89%)

 Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281670672 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 4281670672 by changing the saturation by 10% instead.





4281670672



4281670672



4294967280



4280288000



4284893242



4278190080



4286537809



4288313450



4290089603



4291931549



4293839032



4294960339



4281670672



4281670672

■ 4281669643

■ 4281671701

■ 4281668869

■ 4281672475

■ 4281667840

■ 4281673504

■ 4281674277

■ 4281675307

■ 4281676080

■ 4281677109

■ 4281678138

■ 4281678912

# Harmonies

## Analogous

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



4281932059



4281670672



4281147400

# Triad

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



4281670672



4278265886



4280099128

# Complementary

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



4281670672



4279249205

# 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.



4278396217



4281670672



4278200362

# Square

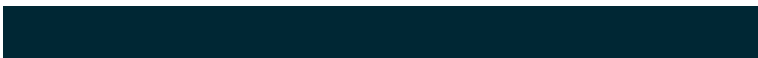
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4281670672



4279510803



4278200116



4281146418

# Rectangle

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



4281670672



4280689415



4278200116



4279640634



# Sweetspot

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



4281670672



4282727222



4281667625



4280557083



4288914339



4280558628



# Same Dimension

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



4281670672



4282719755



4281675280



4279900183



4284030208



4292429312



# Inverse Universe

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



4279249205



4278923845



4279244597



4279703834



4278205529

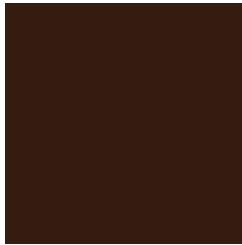


4278227673



# Previews

## White Background



This preview shows how the Android color 4281670672 looks on a white background.

## Color Contrast Check

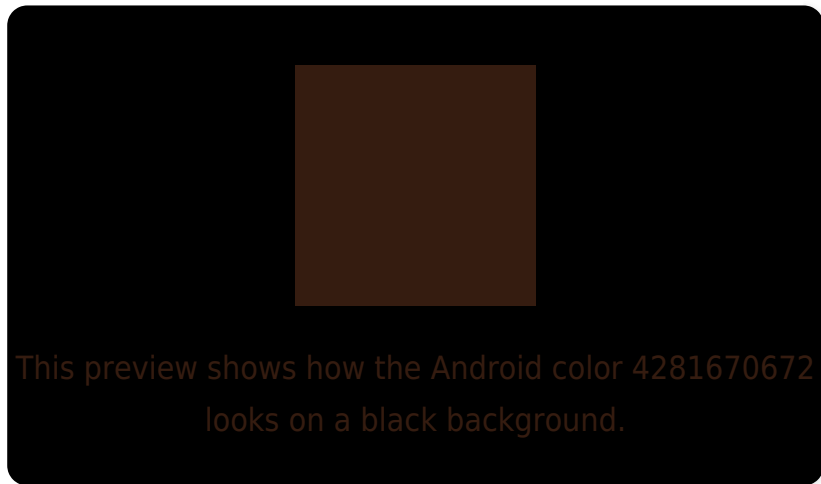
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281670672 Background



This preview shows how black text looks on a background with the Android color 4281670672.

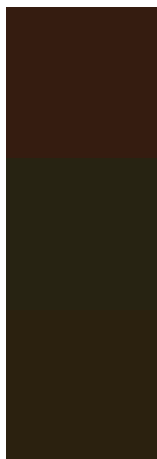


This preview shows how white text looks on a background with the Android color 4281670672.

# 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**

4281670672

**Protanopia**

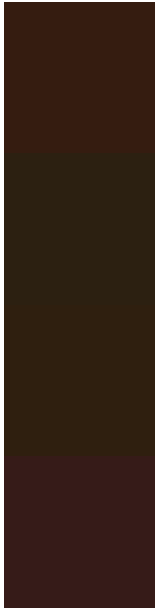
4280754962

**Deuteranopia**

4281016591



# Trichromacy



**Original Color**

4281670672

**Protanomaly**

4281081873

**Deuteranomaly**

4281278223

**Tritanomaly**

4281735960

# Monochromacy



**Original Color**

4281670672

**Achromatopsia**

4280427042

**Achromatomaly**

4280885275

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281670672 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(53, 28, 16)` looks like.

```
.text, #text, p{  
    color:rgb(53, 28, 16)  
}
```

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(53, 28, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 28, 16) }
```

## Border

The CSS property to change the border of an element to Android 4281670672 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(53, 28, 16) }
```

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

```
.border{ border-color:rgb(53, 28, 16) }
```

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

Here you see how a box with a 4 pixel rgb(53, 28, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 28, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 28, 16);  
box-shadow:4px 4px 4px 4px rgb(53, 28, 16)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281670672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 28, 16) }
```

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

```
.background{ background-color: rgb(53, 28,  
16) }
```

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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