

# Converting Colors

Android(4285811200)

Have a look what the booklet for  
Android(4285811200) contains.

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# Color

**Android(4285811200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	744A00
RGB	116, 74, 0
RGB Percent	45%, 29%, 0%
CMY	0.5451, 0.7098, 1.0000
CMYK	0.00, 0.36, 1.00, 0.55
HSL	38°, 100%, 23%
HSV	38°, 100%, 45%
XYZ	9.6512, 8.6106, 1.1533
YIQ	78.1220, 48.7860, -14.1100

# Conversions

## Conversions Part 2

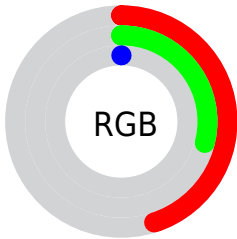
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 116, 0
Decimal	7621120
CIELab	35.22, 12.48, 44.39
CIELCh	35, 46.113, 74.303
Yxy	8.6106, 0.4971, 0.4435
Android (android.graphics.Color)	4285811200 (0xFF744A00)
YUV	78.1220, -38.5141, 33.2190
Hunter-Lab	29.3438, 7.3575, 18.2103

# Details

The Android color **4285811200** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **4278200948**, and the grayscale version is **4283321934**.

A 20% lighter version of the original color is **4289493813**, and **4282260992** is the 20% darker color. If you saturate the color by 10%, you get **4285811200**, and if you desaturate by 10%, it is **4285812236**.

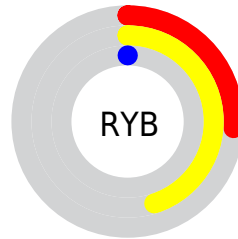
# Distribution



Red (45%)

Green (29%)

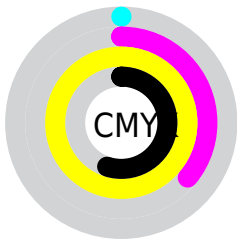
Blue (0%)



Red (26%)

Yellow (45%)

Blue (0%)

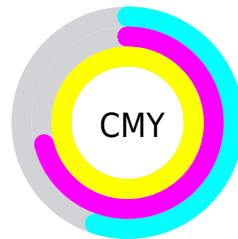


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (71%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285811200 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 4285811200 by changing the saturation by 10% instead.



 4285811200

 4285811200

 4294967280

 4284035840

 4289493813

 4282260992

 4291466318

 4280616960

 4293373799

 4278190080

 4294953601

 4294960796

 4294967223

 4294967251

 4285811200

■ 4285812236

■ 4285813271

■ 4285814563

■ 4285815598

■ 4285816634

■ 4285817670

■ 4285818705

■ 4285819997

■ 4285821032

# Harmonies

## Analogous

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



4287314464



4285811200



4283717376

# Triad

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



4285811200



4278215780



4285153672

# Complementary

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



4285811200



4278200948

# 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.



4280504731



4285811200



4278215302

# Square

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



4285811200



4278215486



4278213786



4287311976

# Rectangle

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



4285811200



4281949196



4278213786



4284041104



# Sweetspot

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



4285811200



4288054889



4285792299



4283253553



4291611852



4283256141



# Same Dimension

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



4285811200



4288045056



4284838912



4282071349



4286205440



4294614784



# Inverse Universe

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



4278200948



4278204054



4279173236



4281677627



4278201466

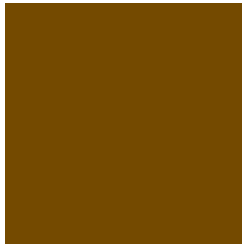


4278213370



# Previews

## White Background



This preview shows how the Android color 4285811200 looks on a white background.

## Color Contrast Check

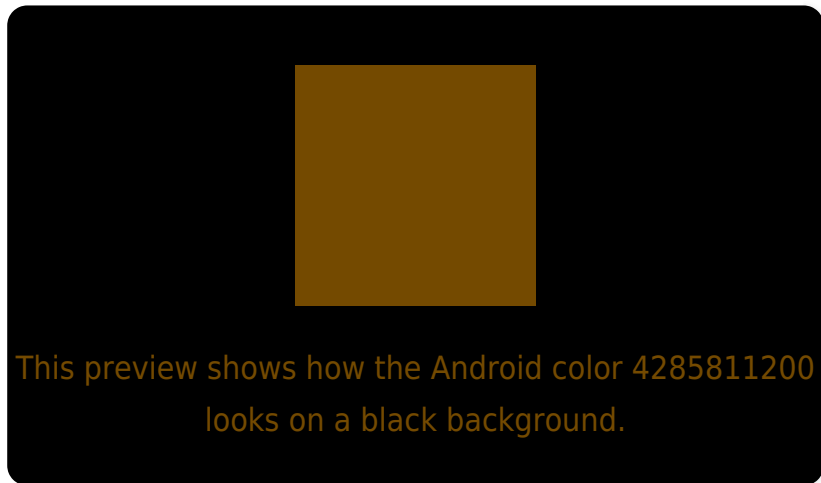
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285811200 Background



This preview shows how black text looks on a background with the Android color 4285811200.



This preview shows how white text looks on a background with the Android color 4285811200.

# 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**  
4285811200

**Protanopia**  
4284371976

**Deuteranopia**  
4285091584



# Trichromacy



**Original Color**  
4285811200

**Protanomaly**  
4284895237

**Deuteranomaly**  
4285353216

**Tritanomaly**  
4285941551

# Monochromacy



**Original Color**  
4285811200

**Achromatopsia**  
4283321934

**Achromatomaly**  
4284239154

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285811200 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(116, 74, 0)` looks like.

```
.text, #text, p{  
    color:rgb(116, 74, 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(116, 74, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 74, 0) }
```

## Border

The CSS property to change the border of an element to Android 4285811200 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(116, 74, 0) }
```

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

```
.border{ border-color:rgb(116, 74, 0) }
```

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

Here you see how a box with a 4 pixel rgb(116, 74, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 74, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 74, 0);  
box-shadow:4px 4px 4px 4px rgb(116, 74, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4285811200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 74, 0) }
```

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

```
.background{ background-color: rgb(116, 74,  
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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