

# Converting Colors

Android(4285670400)

Have a look what the booklet for  
Android(4285670400) contains.

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# Color

**Android(4285670400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	722400
RGB	114, 36, 0
RGB Percent	45%, 14%, 0%
CMY	0.5529, 0.8588, 1.0000
CMYK	0.00, 0.68, 1.00, 0.55
HSL	19°, 100%, 22%
HSV	19°, 100%, 45%
XYZ	7.5703, 4.8392, 0.5351
YIQ	55.2180, 58.0440, 5.3400

# Conversions

## Conversions Part 2

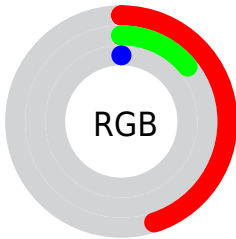
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	114, 53, 0
Decimal	7480320
CIE Lab	26.27, 32.92, 37.64
CIE LCh	26, 50.008, 48.827
Yxy	4.8392, 0.5848, 0.3738
Android (android.graphics.Color)	4285670400 (0xFF722400)
YUV	55.2180, -27.2225, 51.5518
Hunter-Lab	21.9981, 22.9314, 13.9566

# Details

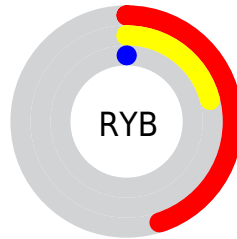
The Android color **4285670400** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **4278210162**, and the grayscale version is **4281808695**.

A 20% lighter version of the original color is **4289484079**, and **4281991168** is the 20% darker color. If you saturate the color by 10%, you get **4285670400**, and if you desaturate by 10%, it is **4285672459**.

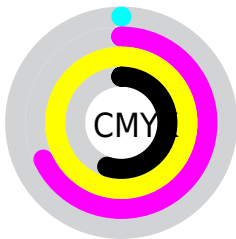
# Distribution



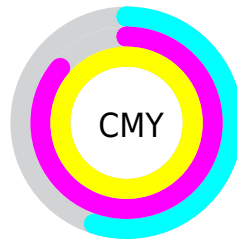
- Red (45%)
- Green (14%)
- Blue (0%)



- Red (45%)
- Yellow (21%)
- Blue (0%)



- Cyan (0%)
- Magenta (68%)
- Yellow (100%)
- Black (55%)



- Cyan (55%)
- Magenta (86%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285670400 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 4285670400 by changing the saturation by 10% instead.



 4285670400

 4285670400

 4294967269

 4283828736

 4289484079

 4281991168

 4291456583

 4280156161

 4293429343

 4278190080

 4294943608

 4294950546

 4294957997

 4294965193

 4285670400

■ 4285672459

■ 4285674519

■ 4285676322

■ 4285678382

■ 4285680441

■ 4285682500

■ 4285684560

■ 4285686363

■ 4285688423

# Harmonies

## Analogous

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



4286515496



4285670400



4284036864

# Triad

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



4285670400



4278209838



4278205319

# Complementary

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



4285670400



4278210162

# 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.



4278208394



4285670400



4278210134

# Square

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



4285670400



4278209026



4278209911



4284229233

# Rectangle

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



4285670400



4282597376



4278209911



4278206603



# Sweetspot

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



4285670400



4287919720



4285661264



4283054127



4291414473



4283058762



# Same Dimension

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



4285670400



4287901440



4285684480



4281873458



4286064128



4294397440



# Inverse Universe

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



4278210162



4278216084



4278196082



4281480760



4278211192

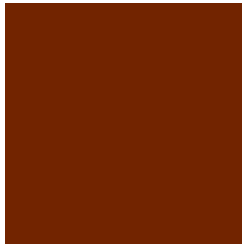


4278233591



# Previews

## White Background



This preview shows how the Android color 4285670400 looks on a white background.

## Color Contrast Check

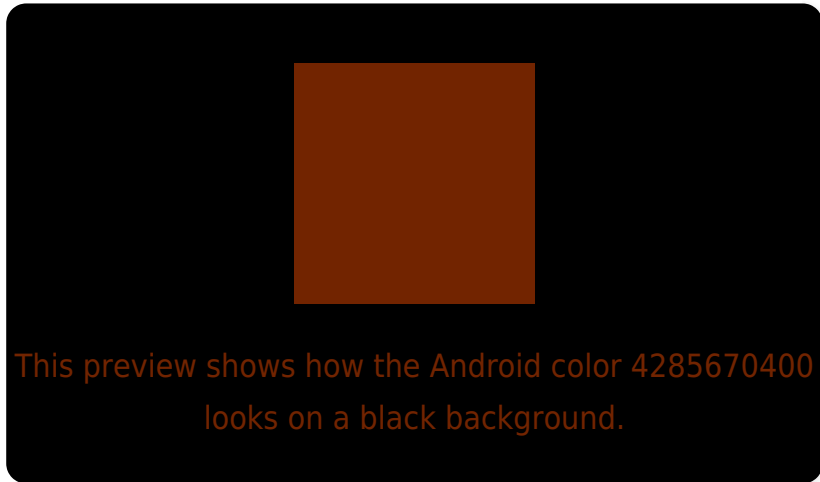
Large Text (above 18pt) WCAG AA ✓ Pass

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

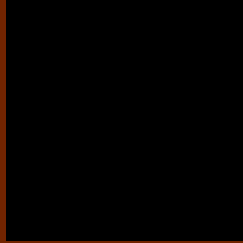
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285670400 Background



This preview shows how black text looks on a background with the Android color 4285670400.



This preview shows how white text looks on a background with the Android color 4285670400.

# 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**  
4285670400

**Protanopia**  
4282925068

**Deuteranopia**  
4283448320



# Trichromacy



**Original Color**  
4285670400

**Protanomaly**  
4283905544

**Deuteranomaly**  
4284232448

**Tritanomaly**  
4285735702

# Monochromacy



**Original Color**  
4285670400

**Achromatopsia**  
4281808695

**Achromatomaly**  
4283183139

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285670400 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(114, 36, 0)` looks like.

```
.text, #text, p{  
    color:rgb(114, 36, 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(114, 36, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 36, 0) }
```

## Border

The CSS property to change the border of an element to Android 4285670400 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(114, 36, 0) }
```

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

```
.border{ border-color:rgb(114, 36, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 36, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 36, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 36, 0);  
box-shadow:4px 4px 4px 4px rgb(114, 36, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4285670400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 36, 0) }
```

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

```
.background{ background-color: rgb(114, 36,  
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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