

# Converting Colors

Android(4285013005)

Have a look what the booklet for  
Android(4285013005) contains.

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**Color**

**Android(4285013005)**

# Conversions

## Conversions Part 1

Format	Color
Hex	681C0D
RGB	104, 28, 13
RGB Percent	41%, 11%, 5%
CMY	0.5922, 0.8902, 0.9490
CMYK	0.00, 0.73, 0.87, 0.59
HSL	10°, 78%, 23%
HSV	10°, 88%, 41%
XYZ	6.1968, 3.8026, 0.7881
YIQ	49.0140, 50.1110, 11.4470

# Conversions

## Conversions Part 2

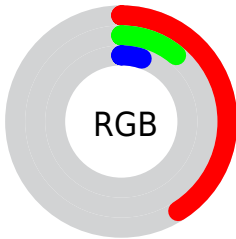
Format	Color
<a href="#">RYB</a>	<a href="#">104, 31, 13</a>
Decimal	<a href="#">6822925</a>
CIELab	<a href="#">23.01, 33.10, 28.40</a>
CIELCh	<a href="#">23, 43.613, 40.624</a>
Yxy	<a href="#">3.8026, 0.5744, 0.3525</a>
Android (android.graphics.Color)	<a href="#">4285013005 (0xFF681C0D)</a>
YUV	<a href="#">49.0140, -17.7549, 48.2227</a>
Hunter-Lab	<a href="#">19.5003, 22.5983, 11.2539</a>

# Details

The Android color **4285013005** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **4279064936**, and the grayscale version is **4281413937**.

A 20% lighter version of the original color is **4288761144**, and **4281466880** is the 20% darker color. If you saturate the color by 10%, you get **4285010691**, and if you desaturate by 10%, it is **4285015319**.

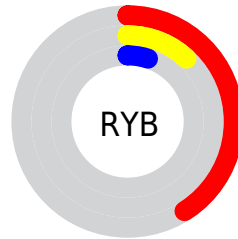
# Distribution



Red (41%)

Green (11%)

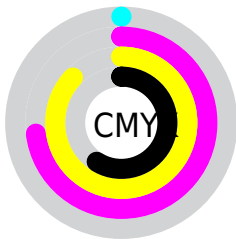
Blue (5%)



Red (41%)

Yellow (12%)

Blue (5%)

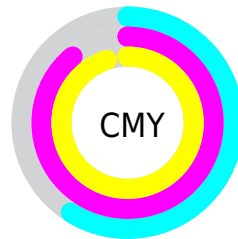


Cyan (0%)

Magenta (73%)

Yellow (87%)

Black (59%)



Cyan (59%)

Magenta (89%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285013005 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 4285013005 by changing the saturation by 10% instead.



 4285013005

 4285013005

 4294967278

 4283236608

 4288761144

 4281466880

 4290668112

 4278714368

 4292640872

 4278190080

 4294613633

 4294948507

 4294955702

 4294962898

 4285013005

 4285013005

■ 4285010691

■ 4285015319

■ 4285010176

■ 4285017378

■ 4285019692

■ 4285022007

■ 4285024065

■ 4285026379

■ 4285028694

■ 4285030752

■ 4285033067

# Harmonies

## Analogous

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



4285467437



4285013005



4283772160

# Triad

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



4285013005



4278207520



4278204280

# Complementary

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



4285013005



4279064936

# 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.



4278206581



4285013005



4278207810

# Square

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



4285013005



4279451648



4278207585



4282722409

# Rectangle

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



4285013005



4282660352



4278207585



4278205305



# Sweetspot

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



4285013005



4287064676



4285009242



4282725168



4291085508



4282729797



# Same Dimension

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



4285013005



4287043072



4285024269



4281544494



4285731584



4294060032



# Inverse Universe

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



4279064936



4278219143



4279053672



4281217587



4278214771

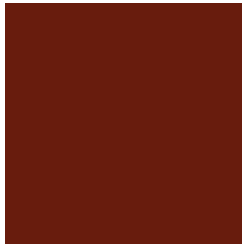


4278242034



# Previews

## White Background



This preview shows how the Android color 4285013005 looks on a white background.

## Color Contrast Check

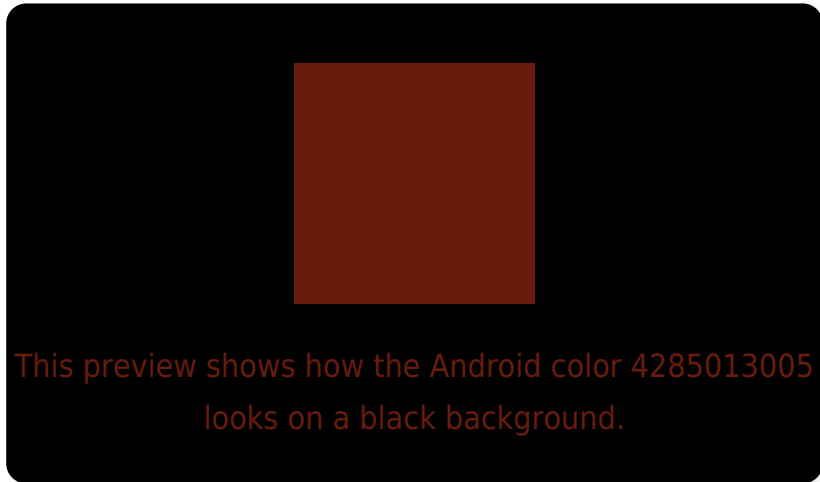
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285013005 Background



This preview shows how black text looks on a background with the Android color 4285013005.



This preview shows how white text looks on a background with the Android color 4285013005.

# 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



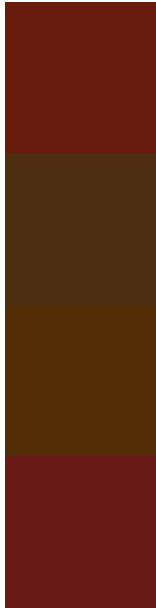
**Original Color**  
4285013005

**Protanopia**  
4282333460

**Deuteranopia**  
4282856960



# Trichromacy



**Original Color**  
4285013005

**Protanomaly**  
4283313681

**Deuteranomaly**  
4283641093

**Tritanomaly**  
4285012758

# Monochromacy



**Original Color**  
4285013005

**Achromatopsia**  
4281413937

**Achromatomaly**  
4282722596

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285013005 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(104, 28, 13)` looks like.

```
.text, #text, p{  
    color:rgb(104, 28, 13)  
}
```

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(104, 28, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 28, 13) }
```

## Border

The CSS property to change the border of an element to Android 4285013005 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(104, 28, 13) }
```

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

```
.border{ border-color:rgb(104, 28, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 28, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 28, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 28, 13);  
box-shadow:4px 4px 4px 4px rgb(104, 28,  
13) }
```

# Background

The CSS property to change the background color of an element to Android 4285013005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 28, 13) }
```

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

```
.background{ background-color: rgb(104, 28,  
13) }
```

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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