

# Converting Colors

Android(4285536745)

Have a look what the booklet for  
Android(4285536745) contains.

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**Color**

**Android(4285536745)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7019E9
RGB	112, 25, 233
RGB Percent	44%, 10%, 91%
CMY	0.5608, 0.9020, 0.0863
CMYK	0.52, 0.89, 0.00, 0.09
HSL	265°, 83%, 51%
HSV	265°, 89%, 91%
XYZ	21.7377, 10.0232, 77.8798
YIQ	74.7250, -14.9160, 83.1320

# Conversions

## Conversions Part 2

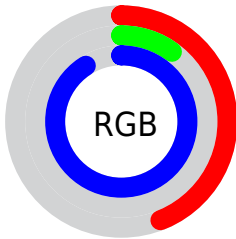
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 25, 233
Decimal	7346665
CIE <sub>Lab</sub>	37.88, 73.51, -85.96
CIE <sub>LCh</sub>	38, 113.105, 310.537
Yxy	10.0232, 0.1983, 0.0914
Android (android.graphics.Color)	4285536745 (0xFF7019E9)
YUV	74.7250, 78.0296, 32.6902
Hunter-Lab	31.6594, 67.1560, -123.6872

# Details

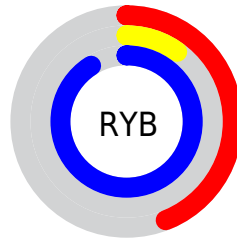
The Android color `4285536745` is a dark color, and the websafe version is hex `6633FF`. The color can be described as dark washed purple. A complement of this color would be `4287818009`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4289681407`, and `4280615088` is the 20% darker color. If you saturate the color by 10%, you get `4284613353`, and if you desaturate by 10%, it is `4286460137`.

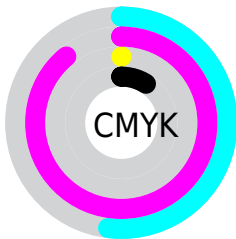
# Distribution



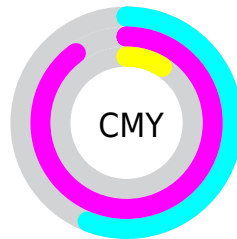
- Red (44%)
- Green (10%)
- Blue (91%)



- Red (44%)
- Yellow (10%)
- Blue (91%)



- Cyan (52%)
- Magenta (89%)
- Yellow (0%)
- Black (9%)



- Cyan (56%)
- Magenta (90%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285536745 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 4285536745 by changing the saturation by 10% instead.



 4285536745

 4285536745

4294967295

 4283302092

 4289681407

 4280615088

 4291720191

 4278190228

 4293758975

 4278190201

 4294945791

 4278190175

 4294953215

 4278192198

 4294960639

 4278191151

 4278190361

 4278190080

■ 4285536745

■ 4285536745

■ 4284613353

■ 4286460137

■ 4284547305

■ 4287318249

■ 4288241641

■ 4289099497

■ 4290022889

■ 4290881001

■ 4291804393

■ 4292662249

■ 4293585897

# Harmonies

## Analogous

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



4278214911



4285536745



4292018329

# Triad

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



4285536745



4288428800



4278220665

# Complementary

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



4285536745



4287818009

# 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.



4278219791



4285536745



4283457536

# Square

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



4285536745



4291887104



4278218496



4278221266

# Rectangle

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



4285536745



4293394525



4278218496



4278220377



# Sweetspot

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



4285536745



4292328191



4279866089



4285028224



4278190080



4286611584



# Same Dimension

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



4285536745



4285202687



4292352489



4285426293



4283170997



4279631926



# Inverse Universe

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



4293466514



4294901908



4281002265



4285885040



4290052201

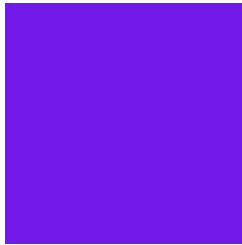


4281729055



# Previews

## White Background



This preview shows how the Android color 4285536745 looks on a white background.

## Color Contrast Check

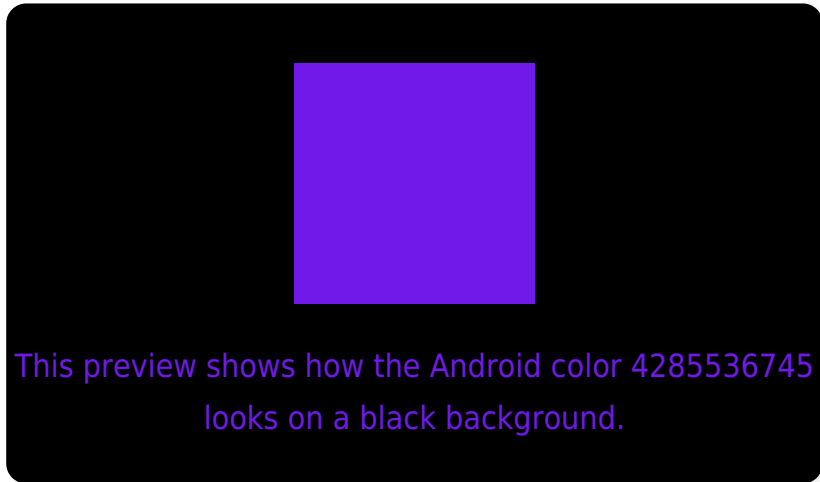
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4285536745 Background



This preview shows how black text looks on a background with the Android color 4285536745.



This preview shows how white text looks on a background with the Android color 4285536745.

# 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**  
4285536745

**Protanopia**  
4278212277

**Deuteranopia**  
4278213787



# Trichromacy



**Original Color**

4285536745



**Protanomaly**

4280893640



**Deuteranomaly**

4280894647



**Tritanomaly**

4283909268

# Monochromacy



**Original Color**

4285536745



**Achromatopsia**

4283124555



**Achromatomaly**

4283971972

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285536745 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(112, 25, 233)` looks like.

```
.text, #text, p{  
    color:rgb(112, 25, 233)  
}
```

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(112, 25, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 25, 233) }
```

## Border

The CSS property to change the border of an element to Android 4285536745 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(112, 25, 233) }
```

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

```
.border{ border-color:rgb(112, 25, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 25, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 25, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 25, 233);  
box-shadow:4px 4px 4px 4px rgb(112, 25,  
233) }
```

# Background

The CSS property to change the background color of an element to Android 4285536745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 25, 233) }
```

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

```
.background{ background-color: rgb(112, 25,  
233) }
```

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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