

# Converting Colors

Android(4285936277)

Have a look what the booklet for  
Android(4285936277) contains.

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# Color

**Android(4285936277)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	763295
RGB	118, 50, 149
RGB Percent	46%, 20%, 58%
CMY	0.5373, 0.8039, 0.4157
CMYK	0.21, 0.66, 0.00, 0.42
HSL	281°, 50%, 39%
HSV	281°, 66%, 58%
XYZ	14.0366, 8.3027, 29.2965
YIQ	81.6180, 8.7490, 45.2050

# Conversions

## Conversions Part 2

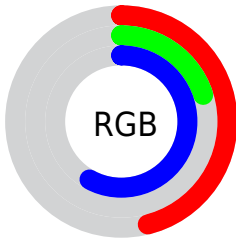
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	118, 50, 149
Decimal	7746197
CIE Lab	34.61, 46.16, -41.87
CIE LCh	35, 62.319, 317.794
Yxy	8.3027, 0.2718, 0.1608
Android (android.graphics.Color)	4285936277 (0xFF763295)
YUV	81.6180, 33.2193, 31.9070
Hunter-Lab	28.8144, 36.5293, -40.1121

# Details

The Android color **4285936277** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4283536690**, and the grayscale version is **4283519313**.

A 20% lighter version of the original color is **4289553868**, and **4282450017** is the 20% darker color. If you saturate the color by 10%, you get **4285604757**, and if you desaturate by 10%, it is **4286267797**.

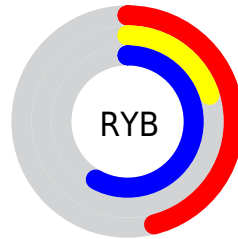
# Distribution



Red (46%)

Green (20%)

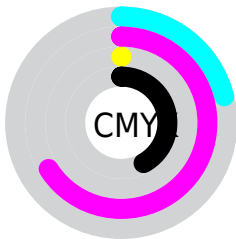
Blue (58%)



Red (46%)

Yellow (20%)

Blue (58%)

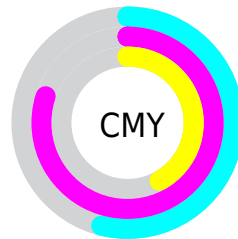


Cyan (21%)

Magenta (66%)

Yellow (0%)

Black (42%)



Cyan (54%)

Magenta (80%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285936277 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 4285936277 by changing the saturation by 10% instead.



4285936277

4285936277

4294967295

4284159867

4289553868

4282450017

4291395560

4280811593

4293303039

4278911026

4294948607

4278190364

4294955775

4278190080

4294963199

4285936277

4285936277

4285604757

4286267797

■ 4285338773

■ 4286533781

■ 4285007253

■ 4286865301

■ 4284874901

■ 4287196821

■ 4287462805

■ 4287794069

■ 4288125589

■ 4288391573

■ 4288723093

# Harmonies

## Analogous

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



4278210225



4285936277



4288480616

# Triad

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



4285936277



4285876224



4278216303

# Complementary

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



4285936277



4283536690

# 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.



4278215995



4285936277



4282996736

# Square

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



4285936277



4287966466



4278214912



4278216091

# Rectangle

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



4285936277



4289069127



4278214912



4278216286



# Sweetspot

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



4285936277



4290157506



4281487765



4284107361



4292927712



4284572001



# Same Dimension

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



4285936277



4287702978



4287967875



4282925898



4284416138



4278648842



# Inverse Universe

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



4287967825



4290914135



4281505092



4283056965



4287234091



4278845443



# Previews

## White Background



This preview shows how the Android color 4285936277 looks on a white background.

## Color Contrast Check

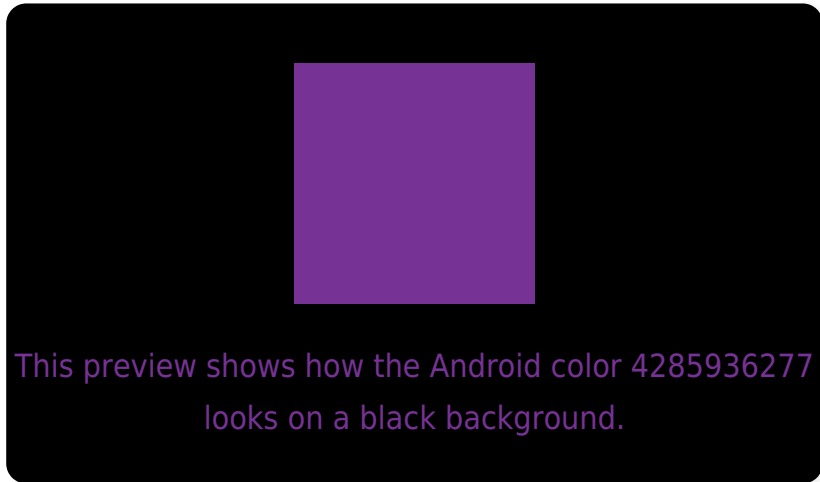
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285936277 Background



This preview shows how black text looks on a background with the Android color 4285936277.



This preview shows how white text looks on a background with the Android color 4285936277.

# 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





# Trichromacy



**Original Color**  
4285936277

**Protanomaly**  
4281025697

**Deuteranomaly**  
4282337169

**Tritanomaly**  
4285481064

# Monochromacy



**Original Color**  
4285936277

**Achromatopsia**  
4283585106

**Achromatomaly**  
4284434026

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285936277 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(118, 50, 149)` looks like.

```
.text, #text, p{  
    color:rgb(118, 50, 149)  
}
```

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(118, 50, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 50, 149) }
```

## Border

The CSS property to change the border of an element to Android 4285936277 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(118, 50, 149) }
```

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

```
.border{ border-color:rgb(118, 50, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 50, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 50, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 50, 149);  
box-shadow:4px 4px 4px 4px rgb(118, 50,  
149) }
```

# Background

The CSS property to change the background color of an element to Android 4285936277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 50, 149) }
```

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

```
.background{ background-color: rgb(118, 50,  
149) }
```

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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