

# Converting Colors

Android(4285085075)

Have a look what the booklet for  
Android(4285085075) contains.

<b>Android(4285085075)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

# Color

**Android(4285085075)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	693593
RGB	105, 53, 147
RGB Percent	41%, 21%, 58%
CMY	0.5882, 0.7922, 0.4235
CMYK	0.29, 0.64, 0.00, 0.42
HSL	273°, 47%, 39%
HSV	273°, 64%, 58%
XYZ	12.3653, 7.6560, 28.4298
YIQ	79.2640, 0.8180, 40.2580

# Conversions

## Conversions Part 2

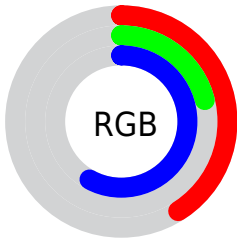
Format	Color
R <sub>Y</sub> B	105, 53, 147
Decimal	6894995
CIE Lab	33.26, 41.04, -42.91
CIE LCh	33, 59.375, 313.728
Yxy	7.6560, 0.2552, 0.1580
Android (android.graphics.Color)	4285085075 (0xFF693593)
YUV	79.2640, 33.3938, 22.5705
Hunter-Lab	27.6696, 31.3482, -41.5503

# Details

The Android color `4285085075` is a dark color, and the websafe version is hex `663399`. A complement of this color would be `4284453685`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4288636874`, and `4281663840` is the 20% darker color. If you saturate the color by 10%, you get `4284622483`, and if you desaturate by 10%, it is `4285547667`.

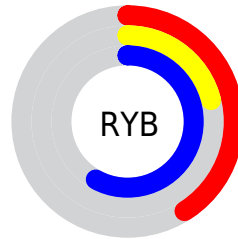
# Distribution



Red (41%)

Green (21%)

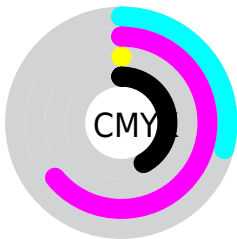
Blue (58%)



Red (41%)

Yellow (21%)

Blue (58%)

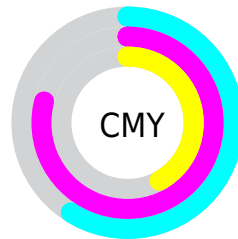


Cyan (29%)

Magenta (64%)

Yellow (0%)

Black (42%)



Cyan (59%)

Magenta (79%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285085075 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 4285085075 by changing the saturation by 10% instead.



 4285085075

 4285085075

4294967295

 4283374713

 4288636874

 4281663840

 4290478566

 4280025159

 4292385791

 4278190128

 4294293503

 4278190362

 4294956031

 4278190080

 4294963199

 4285085075

 4285085075

 4284622483

 4285547667

■ 4284225683

■ 4285944467

■ 4283763091

■ 4286407059

■ 4283498643

■ 4286804115

■ 4287266707

■ 4287663507

■ 4288126099

■ 4288588691

■ 4288985491

# Harmonies

## Analogous

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



4278209963



4285085075



4287828330

# Triad

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



4285085075



4285874688



4278215267

# Complementary

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



4285085075



4284453685

# 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.



4278214706



4285085075



4283257600

# Square

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



4285085075



4287768588



4278475776



4278215055

# Rectangle

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



4285085075



4288544843



4278475776



4278215251



# Sweetspot

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



4285085075



4289698751



4281687955



4283911009



4292927712



4284572001



# Same Dimension

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



4285085075



4286393535



4287837582



4282860362



4283170954



4278583306



# Inverse Universe

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



4287837535



4290718830



4281701178



4283056966



4287234110

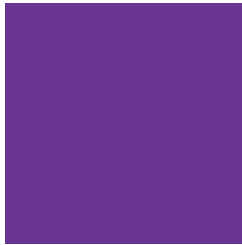


4278845445



# Previews

## White Background



This preview shows how the Android color 4285085075 looks on a white background.

## Color Contrast Check

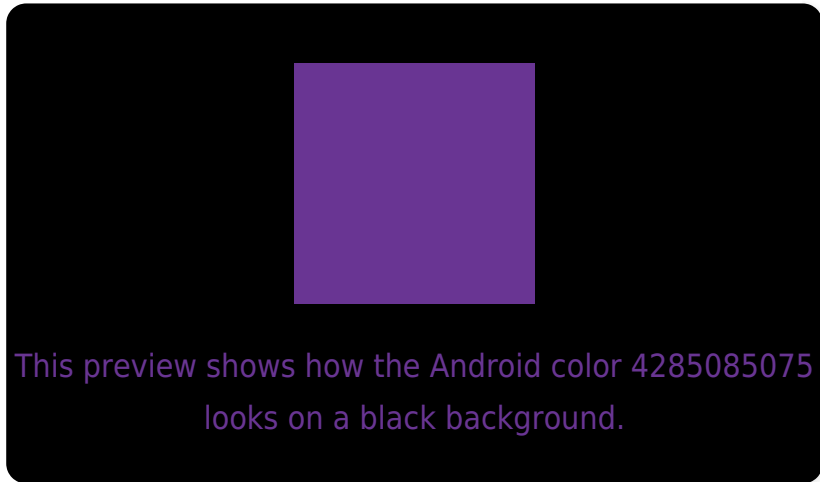
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285085075 Background



This preview shows how black text looks on a background with the Android color 4285085075.

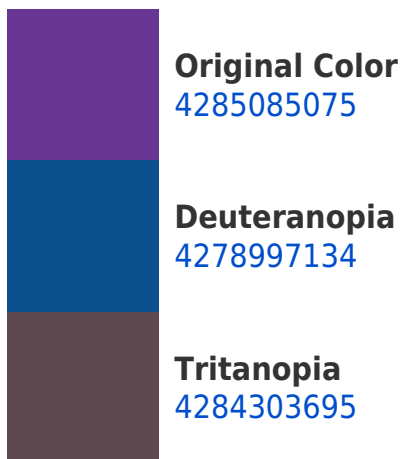


This preview shows how white text looks on a background with the Android color 4285085075.

# 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**  
4285085075

**Deuteranomaly**  
4281222800

**Tritanomaly**  
4284564072

# Monochromacy



**Original Color**  
4285085075

**Achromatopsia**  
4283387727

**Achromatomaly**  
4283975272

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285085075 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(105, 53, 147)` looks like.

```
.text, #text, p{  
    color:rgb(105, 53, 147)  
}
```

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(105, 53, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 53, 147) }
```

## Border

The CSS property to change the border of an element to Android 4285085075 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(105, 53, 147) }
```

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

```
.border{ border-color:rgb(105, 53, 147) }
```

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

Here you see how a box with a 4 pixel rgb(105, 53, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 53, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 53, 147);  
box-shadow:4px 4px 4px 4px rgb(105, 53,  
147) }
```

# Background

The CSS property to change the background color of an element to Android 4285085075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 53, 147) }
```

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

```
.background{ background-color: rgb(105, 53,  
147) }
```

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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