

# Converting Colors

Android(4283629629)

Have a look what the booklet for  
Android(4283629629) contains.

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# Color

**Android(4283629629)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53003D
RGB	83, 0, 61
RGB Percent	33%, 0%, 24%
CMY	0.6745, 1.0000, 0.7608
CMYK	0.00, 1.00, 0.27, 0.67
HSL	316°, 100%, 16%
HSV	316°, 100%, 33%
XYZ	4.4096, 2.1759, 4.6025
YIQ	31.7710, 29.8870, 36.5670

# Conversions

## Conversions Part 2

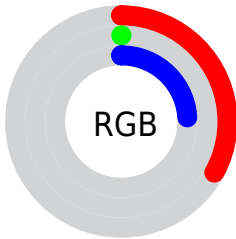
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 0, 61
Decimal	5439549
CIELab	16.38, 40.07, -13.83
CIELCh	16, 42.394, 340.955
Yxy	2.1759, 0.3941, 0.1945
Android (android.graphics.Color)	4283629629 (0xFF53003D)
YUV	31.7710, 14.4099, 44.9278
Hunter-Lab	14.7510, 27.5455, -8.1734

# Details

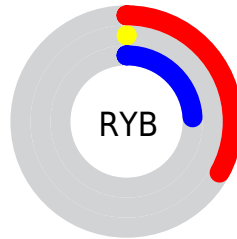
The Android color **4283629629** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4278211350**, and the grayscale version is **4280295456**.

A 20% lighter version of the original color is **4287117677**, and **4280483858** is the 20% darker color. If you saturate the color by 10%, you get **4283629629**, and if you desaturate by 10%, it is **4283631679**.

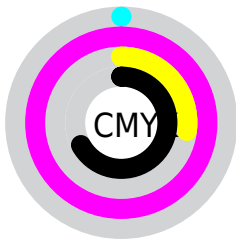
# Distribution



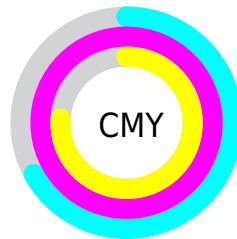
- Red (33%)
- Green (0%)
- Blue (24%)



- Red (33%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (67%)



- Cyan (67%)
- Magenta (100%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283629629 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 4283629629 by changing the saturation by 10% instead.



 4283629629

 4283629629

 4294964991

 4281991207

 4287117677

 4280483858

 4288893574

 4278190080

 4290735264

 4292642491

 4294549975

 4294950387

 4294957567

 4283629629

■ 4283631679

■ 4283633985

■ 4283636036

■ 4283638086

■ 4283640136

■ 4283642442

■ 4283644492

■ 4283646543

■ 4283648849

# Harmonies

## Analogous

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



4281670231



4283629629



4284153887

# Triad

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



4283629629



4280888064



4278203472

# Complementary

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



4283629629



4278211350

# 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.



4278203699



4283629629



4278399232

# Square

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



4283629629



4282589184



4278203411



4278202722

# Rectangle

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



4283629629



4283958025



4278203411



4278203719



# Sweetspot

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



4283629629



4285221731



4279566419



4281737776



4290098613



4281742902



# Same Dimension

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



4283629629



4285202511



4283629589



4280886568



4285071437



4293394603



# Inverse Universe

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



4283629629



4285202511



4278211390



4280886568



4285071437

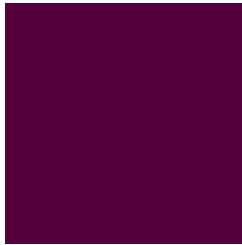


4293394603



# Previews

## White Background



This preview shows how the Android color 4283629629 looks on a white background.

## Color Contrast Check

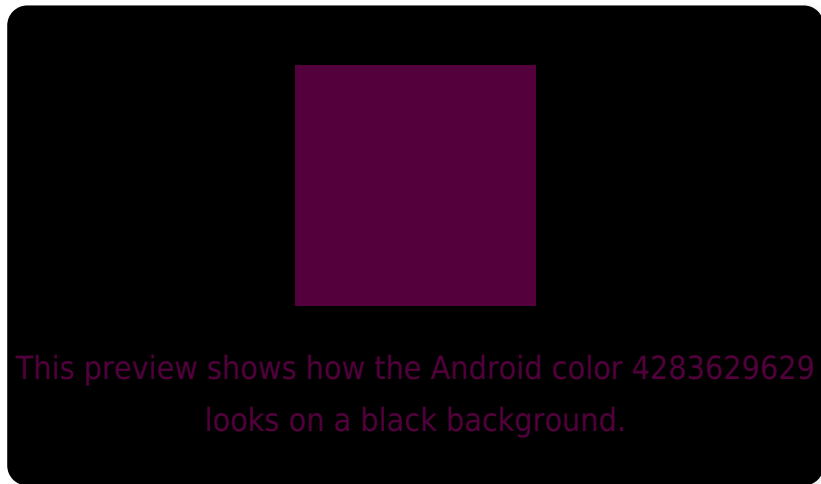
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283629629 Background



This preview shows how black text looks on a background with the Android color 4283629629.



This preview shows how white text looks on a background with the Android color 4283629629.

# 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**  
4283629629

**Protanopia**  
4279511895

**Deuteranopia**  
4281019449



# Trichromacy



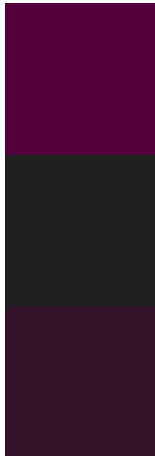
**Original Color**  
4283629629

**Protanomaly**  
4281015118

**Deuteranomaly**  
4281998394

**Tritanomaly**  
4283502374

# Monochromacy



**Original Color**  
4283629629

**Achromatopsia**  
4280295456

**Achromatomaly**  
4281537579

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283629629 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(83, 0, 61)` looks like.

```
.text, #text, p{  
    color:rgb(83, 0, 61)  
}
```

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(83, 0, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 0, 61) }
```

## Border

The CSS property to change the border of an element to Android 4283629629 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(83, 0, 61) }
```

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

```
.border{ border-color:rgb(83, 0, 61) }
```

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

Here you see how a box with a 4 pixel rgb(83, 0, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 0, 61); -webkit-box-shadow:4px  
4px 4px 4px rgb(83, 0, 61); box-shadow:4px  
4px 4px 4px rgb(83, 0, 61) }
```

# Background

The CSS property to change the background color of an element to Android 4283629629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 0, 61) }
```

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

```
.background{ background-color: rgb(83, 0,  
61) }
```

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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