

# Converting Colors

Android(4283442603)

Have a look what the booklet for  
Android(4283442603) contains.

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# Color

**Android(4283442603)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5025AB
RGB	80, 37, 171
RGB Percent	31%, 15%, 67%
CMY	0.6863, 0.8549, 0.3294
CMYK	0.53, 0.78, 0.00, 0.33
HSL	259°, 64%, 41%
HSV	259°, 78%, 67%
XYZ	11.3205, 5.9689, 39.0835
YIQ	65.1330, -17.3860, 50.7900

# Conversions

## Conversions Part 2

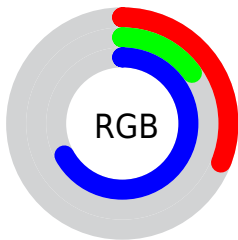
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 37, 171
Decimal	5252523
CIE <sub>Lab</sub>	29.33, 50.60, -63.98
CIE <sub>LCh</sub>	29, 81.568, 308.342
Yxy	5.9689, 0.2008, 0.1059
Android (android.graphics.Color)	4283442603 (0xFF5025AB)
YUV	65.1330, 52.1924, 13.0384
Hunter-Lab	24.4313, 39.9552, -77.7462

# Details

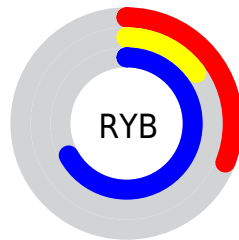
The Android color `4283442603` is a dark color, and the websafe version is hex `330099`. A complement of this color would be `4286622501`, and the grayscale version is `4282466625`.

A 20% lighter version of the original color is `4287256547`, and `4278190197` is the 20% darker color. If you saturate the color by 10%, you get `4282651819`, and if you desaturate by 10%, it is `4284233387`.

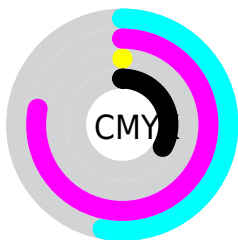
# Distribution



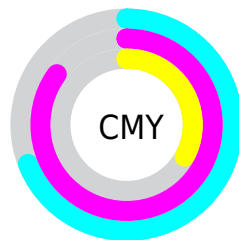
- Red (31%)
- Green (15%)
- Blue (67%)



- Red (31%)
- Yellow (15%)
- Blue (67%)



- Cyan (53%)
- Magenta (78%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (85%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283442603 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 4283442603 by changing the saturation by 10% instead.





4283442603



4283442603

4294967295



4281403536



4287256547



4278190197



4289163775



4278190172



4291070975



4278191171



4293044223



4278190892



4294951679



4278190358



4294959103



4278190080



4294966527



4283442603



4283442603

■ 4282651819

■ 4284233387

■ 4281926571

■ 4284958635

■ 4281794731

■ 4285749419

■ 4286474667

■ 4287265451

■ 4288056491

■ 4288781739

■ 4289572523

■ 4290363307

# Harmonies

## Analogous

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



4278209223



4283442603



4288151669

# Triad

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



4283442603



4286131712



4278213462

# Complementary

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



4283442603



4286622501

# 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.



4278212878



4283442603



4282796288

# Square

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



4283442603



4288479232



4278211584



4278213780

# Rectangle

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



4283442603



4289265740



4278211584



4278213440



# Sweetspot

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



4283442603



4290423262



4280648107



4284108912



4293980400



4285558896



# Same Dimension

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



4283442603



4283436510



4287767979



4283518551



4281335958



4278648855



# Inverse Universe

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



4289406336



4292742555



4282297125



4283911764



4288020582

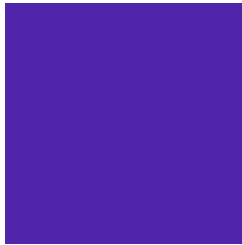


4279697424



# Previews

## White Background



This preview shows how the Android color 4283442603 looks on a white background.

## Color Contrast Check

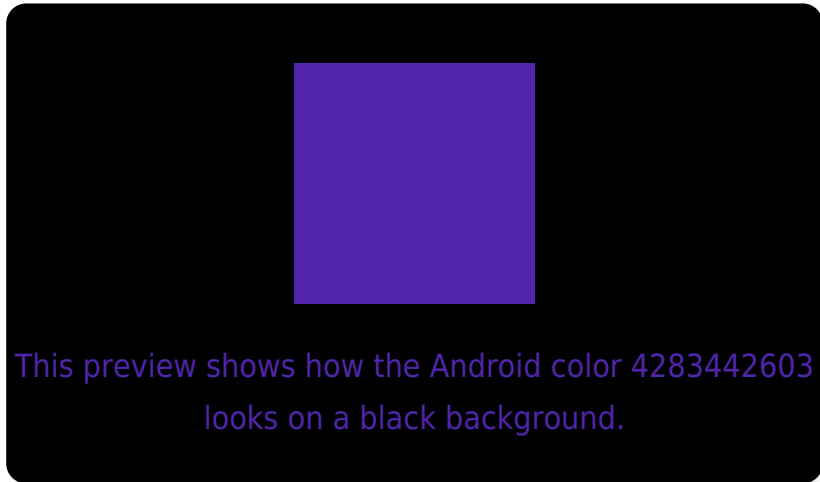
Large Text (above 18pt) WCAG AA ✓ Pass

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

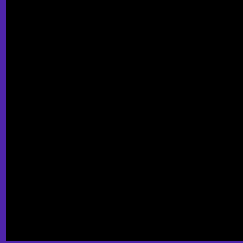
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283442603 Background



This preview shows how black text looks on a background with the Android color 4283442603.



This preview shows how white text looks on a background with the Android color 4283442603.

# 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**  
4283442603

**Protanopia**  
4278207373

**Deuteranopia**  
4278208633



# Trichromacy



**Original Color**  
4283442603

**Protanomaly**  
4280105112

**Deuteranomaly**  
4280105867

**Tritanomaly**  
4282203248

# Monochromacy



**Original Color**  
4283442603

**Achromatopsia**  
4282466625

**Achromatomaly**  
4282791784

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283442603 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(80, 37, 171)` looks like.

```
.text, #text, p{  
    color:rgb(80, 37, 171)  
}
```

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(80, 37, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 37, 171) }
```

## Border

The CSS property to change the border of an element to Android 4283442603 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(80, 37, 171) }
```

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

```
.border{ border-color:rgb(80, 37, 171) }
```

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

Here you see how a box with a 4 pixel rgb(80, 37, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 37, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 37, 171);  
box-shadow:4px 4px 4px 4px rgb(80, 37,  
171) }
```

# Background

The CSS property to change the background color of an element to Android 4283442603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 37, 171) }
```

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

```
.background{ background-color: rgb(80, 37,  
171) }
```

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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