

# Converting Colors

Android(4283247827)

Have a look what the booklet for  
Android(4283247827) contains.

<b>Android(4283247827)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4283247827)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D2CD3
RGB	77, 44, 211
RGB Percent	30%, 17%, 83%
CMY	0.6980, 0.8275, 0.1725
CMYK	0.64, 0.79, 0.00, 0.17
HSL	252°, 65%, 50%
HSV	252°, 79%, 83%
XYZ	15.7191, 8.0823, 62.3596
YIQ	72.9050, -33.9390, 58.9330

# Conversions

## Conversions Part 2

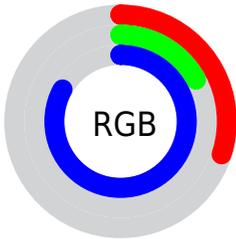
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 44, 211
Decimal	5057747
CIE <sub>Lab</sub>	34.15, 58.27, -79.62
CIE <sub>LCh</sub>	34, 98.665, 306.200
Yxy	8.0823, 0.1824, 0.0938
Android (android.graphics.Color)	4283247827 (0xFF4D2CD3)
YUV	72.9050, 68.0808, 3.5913
Hunter-Lab	28.4294, 48.9445, -110.1515

# Details

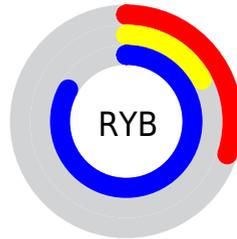
The Android color `4283247827` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark washed blue. A complement of this color would be `4289909548`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4287455231`, and `4278190235` is the 20% darker color. If you saturate the color by 10%, you get `4282128339`, and if you desaturate by 10%, it is `4284367315`.

# Distribution



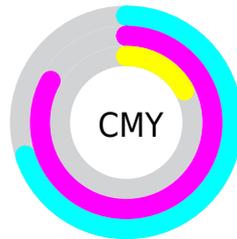
- Red (30%)
- Green (17%)
- Blue (83%)



- Red (30%)
- Yellow (17%)
- Blue (83%)



- Cyan (64%)
- Magenta (79%)
- Yellow (0%)
- Black (17%)



- Cyan (70%)
- Magenta (83%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283247827 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 4283247827 by changing the saturation by 10% instead.

 4283247827

 4283247827

4294967295

 4280553655

 4287455231

 4278190235

 4289493503

 4278190208

 4291532031

 4278190182

 4293570559

 4278192461

 4294954239

 4278191413

 4294961407

 4278190623

 4278190081

 4278190080

■ 4283247827

■ 4283247827

■ 4282128339

■ 4284367315

■ 4281008851

■ 4285486803

■ 4280942803

■ 4286606291

■ 4287725779

■ 4288845523

■ 4289965011

■ 4291084499

■ 4292138451

■ 4293257939

# Harmonies

## Analogous

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



4278213363



4283247827



4289921170

# Triad

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



4283247827



4287770368



4278217312

# Complementary

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



4283247827



4289909548

# 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.



4278216704



4283247827



4283716608

# Square

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



4283247827



4290641920



4278215168



4278217902

# Rectangle

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



4283247827



4291428446



4278215168



4278217028

# Sweetspot

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



4283247827



4291740415



4281119955



4284636032



4278190080



4286611584



# Same Dimension

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



4283247827



4282191359



4288556243



4284505705



4280352936



4278714409



# Inverse Universe

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



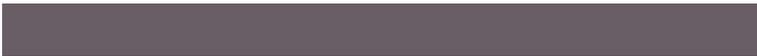
4292029618



4294905295



4284601132



4285095526



4289200263

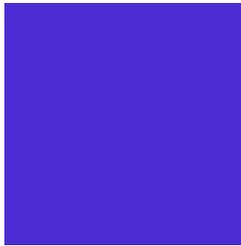


4280877089



# Previews

## White Background



This preview shows how the Android color 4283247827 looks on a white background.

## Color Contrast Check

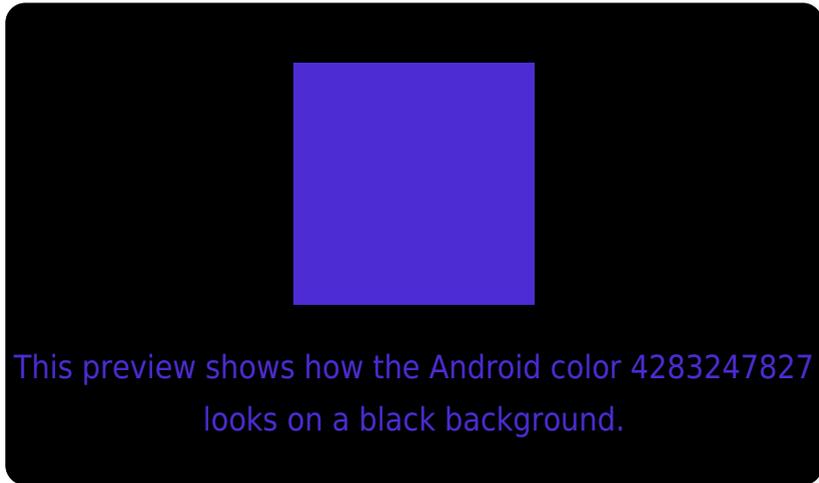
Large Text (above 18pt) WCAG AA ✓ Pass

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

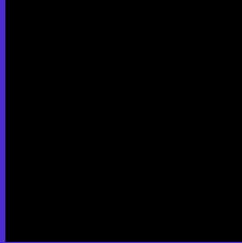
Any Text WCAG AA × Fail

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 4283247827 Background



This preview shows how black text looks on a background with the Android color 4283247827.



This preview shows how white text looks on a background with the Android color 4283247827.

# 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**  
4283247827

**Protanopia**  
4278209955

**Deuteranopia**  
4278211467



# Trichromacy



**Original Color**  
4283247827

**Protanomaly**  
4280041908

**Deuteranomaly**  
4280042917

**Tritanomaly**  
4280043914

# Monochromacy



**Original Color**  
4283247827

**Achromatopsia**  
4282992969

**Achromatomaly**  
4283055739

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283247827 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(77, 44, 211)` looks like.

```
.text, #text, p{  
    color:rgb(77, 44, 211)  
}
```

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(77, 44, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 44, 211) }
```

## Border

The CSS property to change the border of an element to Android 4283247827 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(77, 44, 211) }
```

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

```
.border{ border-color:rgb(77, 44, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 44, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 44, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 44, 211);  
box-shadow:4px 4px 4px 4px rgb(77, 44,  
211) }
```

# Background

The CSS property to change the background color of an element to Android 4283247827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 44, 211) }
```

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

```
.background{ background-color: rgb(77, 44,  
211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**