

# Converting Colors

Android(4283509971)

Have a look what the booklet for  
Android(4283509971) contains.

<b>Android(4283509971)</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> .....	29

# Color

**Android(4283509971)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	512CD3
RGB	81, 44, 211
RGB Percent	32%, 17%, 83%
CMY	0.6824, 0.8275, 0.1725
CMYK	0.62, 0.79, 0.00, 0.17
HSL	253°, 65%, 50%
HSV	253°, 79%, 83%
XYZ	16.0519, 8.2538, 62.3751
YIQ	74.1010, -31.5550, 59.7810

# Conversions

## Conversions Part 2

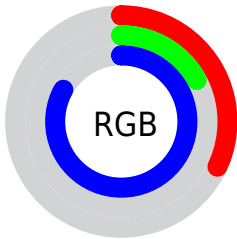
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 44, 211
Decimal	5319891
CIE <sub>Lab</sub>	34.51, 58.68, -79.02
CIE <sub>LCh</sub>	35, 98.427, 306.594
Yxy	8.2538, 0.1852, 0.0952
Android (android.graphics.Color)	4283509971 (0xFF512CD3)
YUV	74.1010, 67.4912, 6.0504
Hunter-Lab	28.7295, 49.4558, -108.6149

# Details

The Android color `4283509971` 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 `4289647404`, and the grayscale version is `4282992969`.

A 20% lighter version of the original color is `4287717375`, and `4278190235` is the 20% darker color. If you saturate the color by 10%, you get `4282456019`, and if you desaturate by 10%, it is `4284563923`.

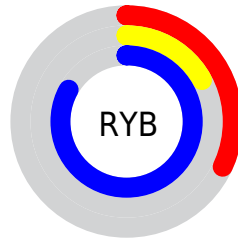
# Distribution



Red (32%)

Green (17%)

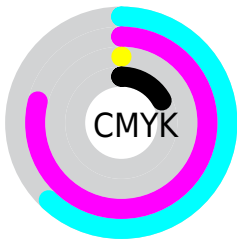
Blue (83%)



Red (32%)

Yellow (17%)

Blue (83%)

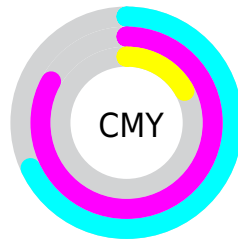


Cyan (62%)

Magenta (79%)

Yellow (0%)

Black (17%)



Cyan (68%)

Magenta (83%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283509971 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 4283509971 by changing the saturation by 10% instead.



 4283509971

 4283509971

4294967295

 4280946871

 4287717375

 4278190235

 4289690367

 4278190208

 4291728895

 4278190182

 4293701887

 4278192461

 4294954239

 4278191413

 4294961663

 4278190623

 4278190081

 4278190080

■ 4283509971

■ 4283509971

■ 4282456019

■ 4284563923

■ 4281336531

■ 4285683411

■ 4281270483

■ 4286737363

■ 4287856851

■ 4288911059

■ 4290030547

■ 4291084499

■ 4292138451

■ 4293257939

# Harmonies

## Analogous

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



4278213363



4283509971



4289986705

# Triad

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



4283509971



4287836160



4278217570

# Complementary

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



4283509971



4289647404

# 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.



4278216960



4283509971



4283782400

# Square

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



4283509971



4290641920



4278215424



4278218159

# Rectangle

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



4283509971



4291493982



4278215424



4278217286



# Sweetspot

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



4283509971



4291805951



4281118675



4284701568



4278190080



4286611584



# Same Dimension

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



4283509971



4282519039



4288949459



4284505705



4280615080



4278779945



# Inverse Universe

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



4292029614



4294905289



4284207916



4285095526



4289200259

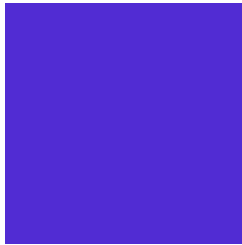


4280877088



# Previews

## White Background



This preview shows how the Android color 4283509971 looks on a white background.

## Color Contrast Check

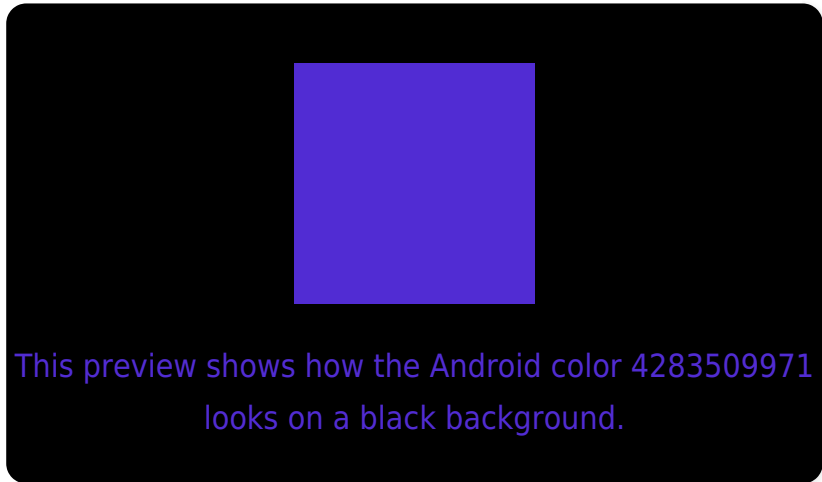
Large Text (above 18pt) WCAG AA ✓ Pass

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

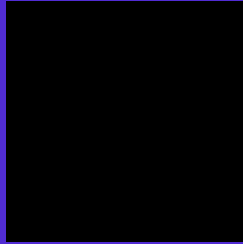
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4283509971 Background



This preview shows how black text looks on a background with the Android color 4283509971.



This preview shows how white text looks on a background with the Android color 4283509971.

# 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**  
4283509971

**Protanopia**  
4278210212

**Deuteranopia**  
4278211468



# Trichromacy



**Original Color**  
4283509971

**Protanomaly**  
4280107701

**Deuteranomaly**  
4280108454

**Tritanomaly**  
4280699274

# Monochromacy



**Original Color**  
4283509971

**Achromatopsia**  
4283058762

**Achromatomaly**  
4283252604

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283509971 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(81, 44, 211)` looks like.

```
.text, #text, p{  
    color:rgb(81, 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(81, 44, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 44, 211) }
```

## Border

The CSS property to change the border of an element to Android 4283509971 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(81, 44, 211) }
```

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

```
.border{ border-color:rgb(81, 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(81, 44, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 44, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 44, 211);  
box-shadow:4px 4px 4px 4px rgb(81, 44,  
211) }
```

# Background

The CSS property to change the background color of an element to Android 4283509971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 44, 211) }
```

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

```
.background{ background-color: rgb(81, 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](#).



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