

# Converting Colors

Android(4283238341)

Have a look what the booklet for  
Android(4283238341) contains.

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# Color

**Android(4283238341)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D07C5
RGB	77, 7, 197
RGB Percent	30%, 3%, 77%
CMY	0.6980, 0.9725, 0.2275
CMYK	0.61, 0.96, 0.00, 0.23
HSL	262°, 93%, 40%
HSV	262°, 96%, 77%
XYZ	13.2146, 5.7610, 53.2388
YIQ	49.5900, -19.2700, 73.9300

# Conversions

## Conversions Part 2

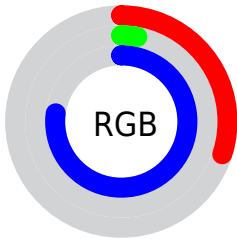
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 7, 197
Decimal	5048261
CIE <sub>Lab</sub>	28.80, 65.92, -80.32
CIE <sub>LCh</sub>	29, 103.904, 309.375
Yxy	5.7610, 0.1830, 0.0798
Android (android.graphics.Color)	4283238341 (0xFF4D07C5)
<b>YUV</b>	49.5900, 72.6731, 24.0386
Hunter-Lab	24.0020, 56.2719, -114.7097

# Details

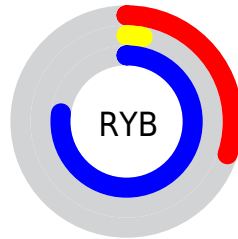
The Android color `4283238341` is a dark color, and the websafe version is hex `6600CC`. The color can be described as dark washed blue. A complement of this color would be `4286563591`, and the grayscale version is `4281413937`.

A 20% lighter version of the original color is `4287449087`, and `4278190221` is the 20% darker color. If you saturate the color by 10%, you get `4282974405`, and if you desaturate by 10%, it is `4284029893`.

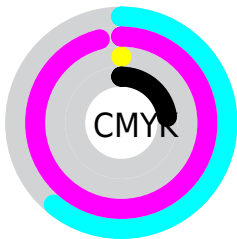
# Distribution



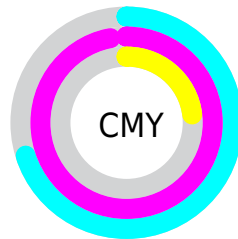
- Red (30%)
- Green (3%)
- Blue (77%)



- Red (30%)
- Yellow (3%)
- Blue (77%)



- Cyan (61%)
- Magenta (96%)
- Yellow (0%)
- Black (23%)



- Cyan (70%)
- Magenta (97%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283238341 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 4283238341 by changing the saturation by 10% instead.





4283238341



4283238341

4294967295



4280680617



4287449087



4278190221



4289422079



4278190195



4291460863



4278190169



4293499391



4278191937



4294948351



4278190890



4294955519



4278190356



4294963199



4278190080



4283238341



4283238341

■ 4282974405

■ 4284029893

■ 4284886725

■ 4285678277

■ 4286535365

■ 4287326917

■ 4288183749

■ 4288975301

■ 4289832389

■ 4290623685

# Harmonies

## Analogous

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



4278209771



4283238341



4289462399

# Triad

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



4283238341



4286457088



4278213725

# Complementary

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



4283238341



4286563591

# 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.



4278213120



4283238341



4282206720

# Square

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



4283238341



4289462272



4278212096



4278214572

# Rectangle

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



4283238341



4290773066



4278212096



4278213440



# Sweetspot

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



4283238341



4291868159



4278681541



4284699520



4278190080



4286611584



# Same Dimension

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



4283238341



4284350719



4289464261



4284308067



4282122403



4279042084



# Inverse Universe

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



4291102591



4294901921



4280337671



4284701280



4288872551

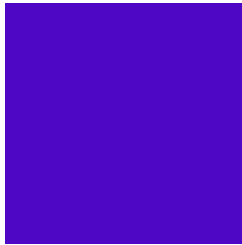


4280549399



# Previews

## White Background



This preview shows how the Android color 4283238341 looks on a white background.

## Color Contrast Check

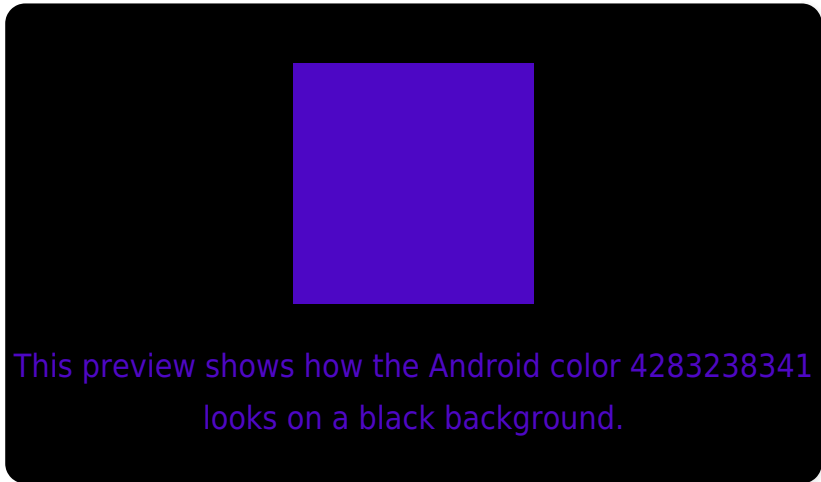
Large Text (above 18pt) WCAG AA ✓ Pass

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

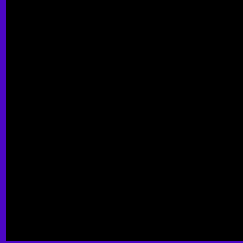
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4283238341 Background



This preview shows how black text looks on a background with the Android color 4283238341.



This preview shows how white text looks on a background with the Android color 4283238341.

# 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**  
4283238341

**Protanopia**  
4278207373

**Deuteranopia**  
4278208632



# Trichromacy



**Original Color**  
4283238341

**Protanomaly**  
4280036769

**Deuteranomaly**  
4280037524

**Tritanomaly**  
4280562812

# Monochromacy



**Original Color**  
4283238341

**Achromatopsia**  
4281479730

**Achromatomaly**  
4282131047

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283238341 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, 7, 197)` looks like.

```
.text, #text, p{  
    color:rgb(77, 7, 197)  
}
```

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, 7, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 7, 197) }
```

## Border

The CSS property to change the border of an element to Android 4283238341 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, 7, 197) }
```

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

```
.border{ border-color:rgb(77, 7, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 7, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 7, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 7, 197);  
box-shadow:4px 4px 4px 4px rgb(77, 7, 197)  
}
```

# Background

The CSS property to change the background color of an element to Android 4283238341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 7, 197) }
```

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

```
.background{ background-color: rgb(77, 7,  
197) }
```

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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