

# Converting Colors

Android(4283638457)

Have a look what the booklet for  
Android(4283638457) contains.

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# Color

**Android(4283638457)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5322B9
RGB	83, 34, 185
RGB Percent	33%, 13%, 73%
CMY	0.6745, 0.8667, 0.2745
CMYK	0.55, 0.82, 0.00, 0.27
HSL	259°, 69%, 43%
HSV	259°, 82%, 73%
XYZ	12.8963, 6.4858, 46.4711
YIQ	65.8650, -19.2670, 57.3490

# Conversions

## Conversions Part 2

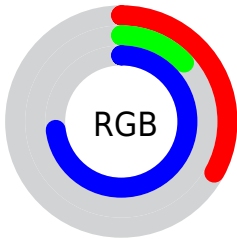
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 34, 185
Decimal	5448377
CIE <sub>Lab</sub>	30.61, 56.04, -70.23
CIE <sub>LCh</sub>	31, 89.843, 308.589
Yxy	6.4858, 0.1958, 0.0985
Android (android.graphics.Color)	4283638457 (0xFF5322B9)
YUV	65.8650, 58.7336, 15.0274
Hunter-Lab	25.4673, 45.8219, -90.3615

# Details

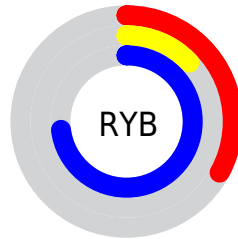
The Android color **4283638457** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **4287150370**, and the grayscale version is **4282466625**.

A 20% lighter version of the original color is **4287583986**, and **4278190210** is the 20% darker color. If you saturate the color by 10%, you get **4282847417**, and if you desaturate by 10%, it is **4284429753**.

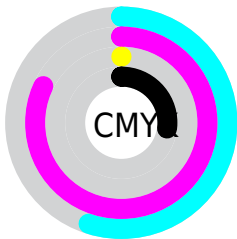
# Distribution



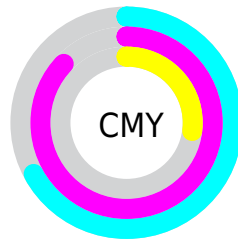
- Red (33%)
- Green (13%)
- Blue (73%)



- Red (33%)
- Yellow (13%)
- Blue (73%)



- Cyan (55%)
- Magenta (82%)
- Yellow (0%)
- Black (27%)



- Cyan (67%)
- Magenta (87%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283638457 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 4283638457 by changing the saturation by 10% instead.





4283638457



4283638457

4294967295



4281467293



4287583986



4278190210



4289491199



4278190184



4291464191



4278190159



4293437183



4278191415



4294951679



4278190625



4294958847



4278190086



4294966527



4278190080



4283638457



4283638457

■ 4282847417

■ 4284429753

■ 4282122425

■ 4285286329

■ 4286077625

■ 4286934201

■ 4287725497

■ 4288582073

■ 4289373369

■ 4290229945

■ 4291021241

# Harmonies

## Analogous

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



4278210264



4283638457



4288938109

# Triad

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



4283638457



4286590464



4278214748

# Complementary

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



4283638457



4287150370

# 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.



4278213898



4283638457



4282862592

# Square

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



4283638457



4289200128



4278212864



4278215072

# Rectangle

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



4283638457



4290117711



4278212864



4278214467



# Sweetspot

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



4283638457



4291409648



4280453561



4284503416



4294440951



4286085240



# Same Dimension

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



4283638457



4283500016



4288488121



4283847516



4281467036



4278779932



# Inverse Universe

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



4290323080



4293920163



4282300706



4284240729



4288413801

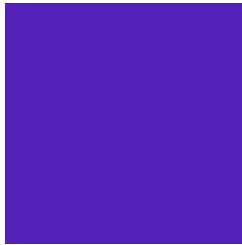


4280025107



# Previews

## White Background



This preview shows how the Android color 4283638457 looks on a white background.

## Color Contrast Check

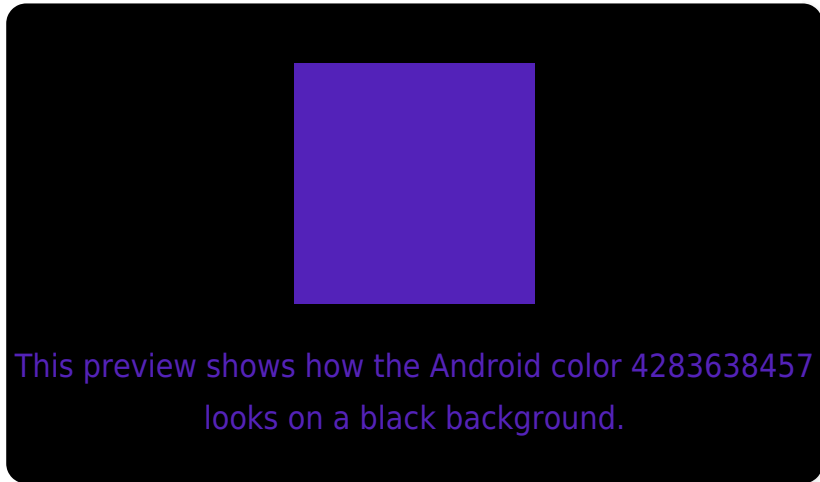
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283638457 Background



This preview shows how black text looks on a background with the Android color 4283638457.



This preview shows how white text looks on a background with the Android color 4283638457.

# 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**  
4283638457

**Protanopia**  
4278208147

**Deuteranopia**  
4278209406



# Trichromacy



**Original Color**  
4283638457

**Protanomaly**  
4280170913

**Deuteranomaly**  
4280171667

**Tritanomaly**  
4282137976

# Monochromacy



**Original Color**  
4283638457

**Achromatopsia**  
4282532418

**Achromatomaly**  
4282922605

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283638457 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, 34, 185)` looks like.

```
.text, #text, p{  
    color:rgb(83, 34, 185)  
}
```

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, 34, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 34, 185) }
```

## Border

The CSS property to change the border of an element to Android 4283638457 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, 34, 185) }
```

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

```
.border{ border-color:rgb(83, 34, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 34, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 34, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 34, 185);  
box-shadow:4px 4px 4px 4px rgb(83, 34,  
185) }
```

# Background

The CSS property to change the background color of an element to Android 4283638457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 34, 185) }
```

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

```
.background{ background-color: rgb(83, 34,  
185) }
```

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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