

Converting Colors

Android(4283639274)

Have a look what the booklet for
Android(4283639274) contains.

Android(4283639274)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Android(4283639274)

Conversions

Conversions Part 1

Format	Color
Hex	5325EA
RGB	83, 37, 234
RGB Percent	33%, 15%, 92%
CMY	0.6745, 0.8549, 0.0824
CMYK	0.65, 0.84, 0.00, 0.08
HSL	254°, 82%, 53%
HSV	254°, 84%, 92%
XYZ	19.0801, 9.1026, 78.5933
YIQ	73.2120, -35.8210, 71.0190

Conversions

Conversions Part 2

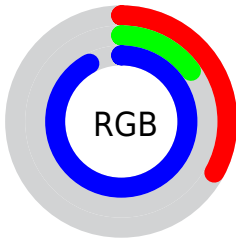
Format	Color
R_{YB}	83, 37, 234
Decimal	5449194
CIE _{Lab}	36.18, 67.85, -89.44
CIE _{LCh}	36, 112.260, 307.183
Yxy	9.1026, 0.1787, 0.0852
Android (android.graphics.Color)	4283639274 (0xFF5325EA)
YUV	73.2120, 79.2685, 8.5841
Hunter-Lab	30.1706, 60.0863, -133.3288

Details

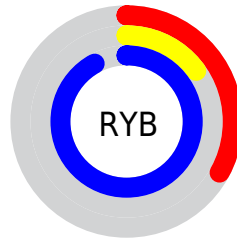
The Android color `4283639274` is a dark color, and the websafe version is hex `6633FF`. The color can be described as dark washed blue. A complement of this color would be `4290570789`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4288044287`, and `4278190257` is the 20% darker color. If you saturate the color by 10%, you get `4282453738`, and if you desaturate by 10%, it is `4284824810`.

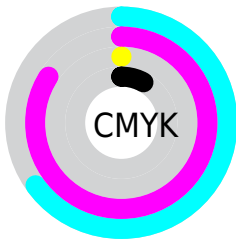
Distribution



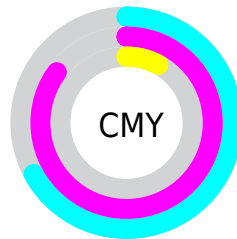
- Red (33%)
- Green (15%)
- Blue (92%)



- Red (33%)
- Yellow (15%)
- Blue (92%)



- Cyan (65%)
- Magenta (84%)
- Yellow (0%)
- Black (8%)



- Cyan (67%)
- Magenta (85%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283639274 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 4283639274 by changing the saturation by 10% instead.



4283639274



4283639274

4294967295



4280746189



4288044287



4278190257



4290148095



4278190229



4292252415



4278190202



4294290943



4278192480



4294953727



4278192199



4294961151



4278191152



4278190362



4278190080

■ 4283639274

■ 4283639274

■ 4282453738

■ 4284824810

■ 4281794794

■ 4286010602

■ 4287196138

■ 4288381930

■ 4289567466

■ 4290753002

■ 4291938794

■ 4293058794

■ 4294244586

Harmonies

Analogous

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



4278214911



4283639274



4291231901

Triad

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



4283639274



4288491264



4278219114

Complementary

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



4283639274



4290570789

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.



4278218496



4283639274



4283783680

Square

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



4283639274



4291756032



4278216960



4278219971

Rectangle

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



4283639274



4292870242



4278216960



4278219082

Sweetspot

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



4283639274



4291739647



4280663274



4284635520



4278190080



4286611584

Same Dimension

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



4283639274



4282122495



4290061802



4285295221



4280942773



4279042102

Inverse Universe

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



4293535164



4294901955



4284148261



4285885043



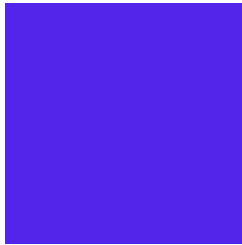
4290052235



4281729065

Previews

White Background



This preview shows how the Android color 4283639274 looks on a white background.

Color Contrast Check

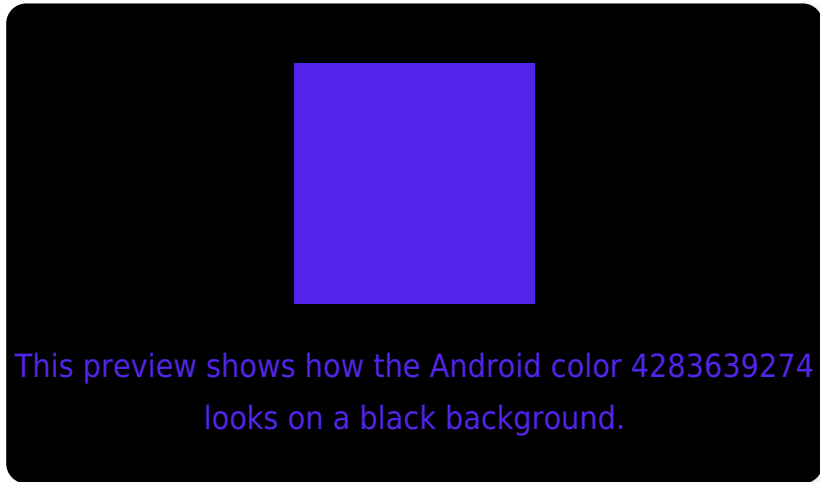
Large Text (above 18pt) WCAG AA ✓ Pass

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

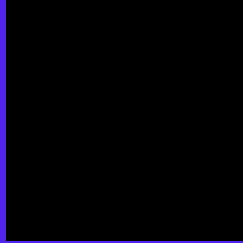
Any Text WCAG AA × Fail

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 4283639274 Background



This preview shows how black text looks on a background with the Android color 4283639274.



This preview shows how white text looks on a background with the Android color 4283639274.

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

4283639274

Protanopia

4278211244

Deuteranopia

4278212498

Trichromacy



Original Color
4283639274

Protanomaly
4280173251

Deuteranomaly
4280174002

Monochromacy



Original Color
4283639274

Achromatopsia
4282992969

Achromatomaly
4283251844

CSS Examples

Text

The CSS property to change the color of the text to Android 4283639274 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, 37, 234)` looks like.

```
.text, #text, p{  
    color:rgb(83, 37, 234)  
}
```

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, 37, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 37, 234) }
```

Border

The CSS property to change the border of an element to Android 4283639274 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, 37, 234) }
```

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

```
.border{ border-color:rgb(83, 37, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 37, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 37, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 37, 234);  
box-shadow:4px 4px 4px 4px rgb(83, 37,  
234) }
```

Background

The CSS property to change the background color of an element to Android 4283639274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 37, 234) }
```

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

```
.background{ background-color: rgb(83, 37,  
234) }
```

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