

Converting Colors

Android(4283836374)

Have a look what the booklet for
Android(4283836374) contains.

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Color

Android(4283836374)

Conversions

Conversions Part 1

Format	Color
Hex	5627D6
RGB	86, 39, 214
RGB Percent	34%, 15%, 84%
CMY	0.6627, 0.8471, 0.1608
CMYK	0.60, 0.82, 0.00, 0.16
HSL	256°, 69%, 50%
HSV	256°, 82%, 84%
XYZ	16.7009, 8.2845, 64.3372
YIQ	73.0030, -28.1630, 64.3890

Conversions

Conversions Part 2

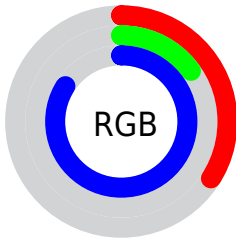
Format	Color
R _Y B	86, 39, 214
Decimal	5646294
CIE Lab	34.57, 62.08, -80.64
CIE LCh	35, 101.770, 307.592
Yxy	8.2845, 0.1870, 0.0927
Android (android.graphics.Color)	4283836374 (0xFF5627D6)
YUV	73.0030, 69.5115, 11.3984
Hunter-Lab	28.7828, 53.2024, -112.3807

Details

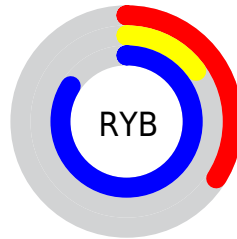
The Android color `4283836374` is a dark color, and the websafe version is hex `6600CC`. The color can be described as dark washed blue. A complement of this color would be `4289189415`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4287978751`, and `4278190238` is the 20% darker color. If you saturate the color by 10%, you get `4282782422`, and if you desaturate by 10%, it is `4284890326`.

Distribution



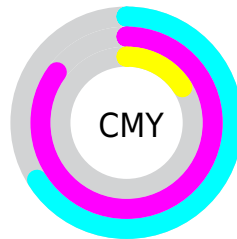
- Red (34%)
- Green (15%)
- Blue (84%)



- Red (34%)
- Yellow (15%)
- Blue (84%)



- Cyan (60%)
- Magenta (82%)
- Yellow (0%)
- Black (16%)



- Cyan (66%)
- Magenta (85%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283836374 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 4283836374 by changing the saturation by 10% instead.

 4283836374

 4283836374

4294967295

 4281402810

 4287978751

 4278190238

 4290017279

 4278190211

 4292055807

 4278190184

 4294094335

 4278192719

 4294953471

 4278191415

 4294960895

 4278190625

 4278190086

 4278190080

■ 4283836374

■ 4283836374

■ 4282782422

■ 4284890326

■ 4281925846

■ 4285878998

■ 4286932950

■ 4287987158

■ 4288975574

■ 4290029526

■ 4291083734

■ 4292072150

■ 4293126358

Harmonies

Analogous

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



4278213369



4283836374



4290314385

Triad

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



4283836374



4287836416



4278217829

Complementary

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



4283836374



4289189415

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.



4278216961



4283836374



4283586048

Square

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



4283836374



4290772992



4278215680



4278218421

Rectangle

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



4283836374



4291756124



4278215680



4278217545

Sweetspot

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



4283836374



4291870719



4280788950



4284766592



4278190080



4286611584

Same Dimension

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



4283836374



4282910207



4289538006



4284702827



4281204907



4278976555

Inverse Universe

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



4292224935



4294903228



4283487783



4285227112



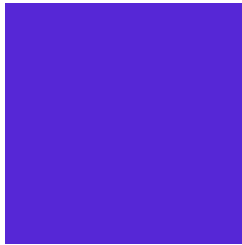
4289396861



4281008160

Previews

White Background



This preview shows how the Android color 4283836374 looks on a white background.

Color Contrast Check

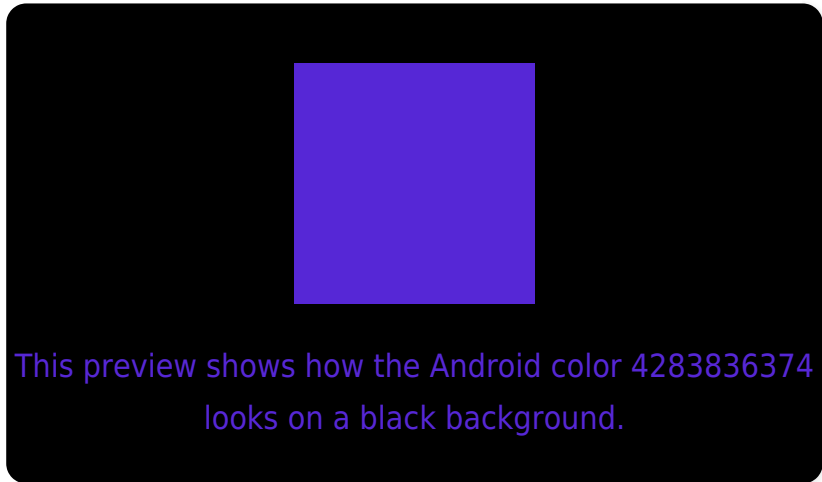
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283836374 Background



This preview shows how black text looks on a background with the Android color 4283836374.



This preview shows how white text looks on a background with the Android color 4283836374.

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
4283836374

Protanopia
4278210213

Deuteranopia
4278211725

Trichromacy



Original Color

4283836374



Protanomaly

4280238263



Deuteranomaly

4280239272



Tritanomaly

4281485195

Monochromacy



Original Color

4283836374



Achromatopsia

4282992969



Achromatomaly

4283317628

CSS Examples

Text

The CSS property to change the color of the text to Android 4283836374 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(86, 39, 214)` looks like.

```
.text, #text, p{  
    color:rgb(86, 39, 214)  
}
```

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(86, 39, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 39, 214) }
```

Border

The CSS property to change the border of an element to Android 4283836374 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(86, 39, 214) }
```

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

```
.border{ border-color:rgb(86, 39, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 39, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 39, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 39, 214);  
box-shadow:4px 4px 4px 4px rgb(86, 39,  
214) }
```

Background

The CSS property to change the background color of an element to Android 4283836374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 39, 214) }
```

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

```
.background{ background-color: rgb(86, 39,  
214) }
```

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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