

Converting Colors

Android(4285674437)

Have a look what the booklet for
Android(4285674437) contains.

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Color

Android(4285674437)

Conversions

Conversions Part 1

Format	Color
Hex	7233C5
RGB	114, 51, 197
RGB Percent	45%, 20%, 77%
CMY	0.5529, 0.8000, 0.2275
CMYK	0.42, 0.74, 0.00, 0.23
HSL	266°, 59%, 49%
HSV	266°, 74%, 77%
XYZ	18.2013, 9.9763, 53.7896
YIQ	86.4810, -9.3180, 58.7620

Conversions

Conversions Part 2

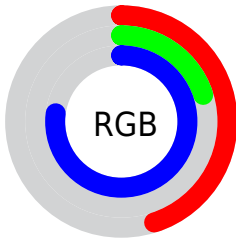
Format	Color
RYB	114, 51, 197
Decimal	7484357
CIELab	37.80, 56.30, -65.35
CIELCh	38, 86.256, 310.749
Yxy	9.9763, 0.2221, 0.1217
Android (android.graphics.Color)	4285674437 (0xFF7233C5)
YUV	86.4810, 54.4859, 24.1342
Hunter-Lab	31.5852, 47.5882, -78.8611

Details

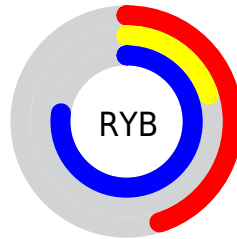
The Android color `4285674437` is a dark color, and the websafe version is hex `6633CC`. The color can be described as dark muted purple. A complement of this color would be `4287022387`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4289488895`, and `4281729166` is the 20% darker color. If you saturate the color by 10%, you get `4284948421`, and if you desaturate by 10%, it is `4286400453`.

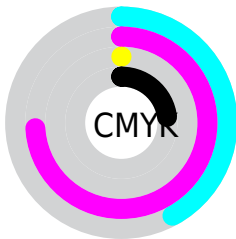
Distribution



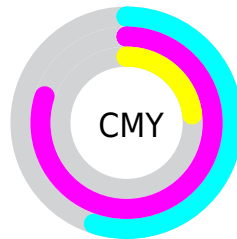
- Red (45%)
- Green (20%)
- Blue (77%)



- Red (45%)
- Yellow (20%)
- Blue (77%)



- Cyan (42%)
- Magenta (74%)
- Yellow (0%)
- Black (23%)



- Cyan (55%)
- Magenta (80%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285674437 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 4285674437 by changing the saturation by 10% instead.



4285674437



4285674437

4294967295



4283766697



4289488895



4281729166



4291396351



4279042164



4293369343



4278190170



4294949375



4278191169



4294956543



4278190890



4294963967



4278190357



4278190080



4285674437



4285674437

■ 4284948421

■ 4286400453

■ 4284222661

■ 4287126213

■ 4283760837

■ 4287917765

■ 4288643781

■ 4289369797

■ 4290095557

■ 4290821573

■ 4291613125

■ 4292338885

Harmonies

Analogous

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



4278213862



4285674437



4290314377

Triad

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



4285674437



4287710208



4278219633

Complementary

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



4285674437



4287022387

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.



4278218790



4285674437



4283915776

Square

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



4285674437



4290379776



4278217472



4278219700

Rectangle

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



4285674437



4291428443



4278217472



4278219353

Sweetspot

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



4285674437



4292855807



4281567429



4285357696



4278190080



4286611584

Same Dimension

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



4285674437



4286455039



4290327493



4284373603



4282777763



4279173156

Inverse Universe

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



4291113862



4294909085



4282369331



4284701279



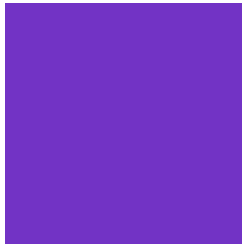
4288872541



4280549396

Previews

White Background



This preview shows how the Android color 4285674437 looks on a white background.

Color Contrast Check

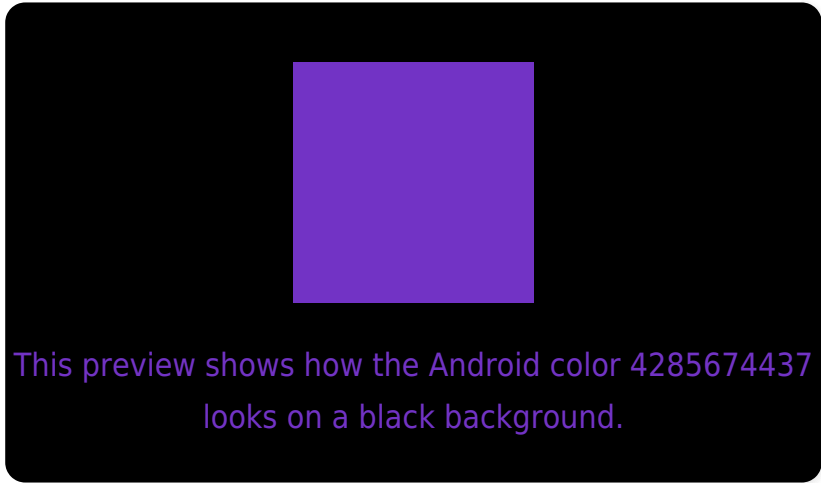
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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 4285674437 Background



This preview shows how black text looks on a background with the Android color 4285674437.



This preview shows how white text looks on a background with the Android color 4285674437.

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
4285674437

Protanopia
4278212278

Deuteranopia
4278213789

Trichromacy



Original Color

4285674437



Protanomaly

4280895931



Deuteranomaly

4280896940



Tritanomaly

4284697476

Monochromacy



Original Color

4285674437



Achromatopsia

4283848278



Achromatomaly

4284500350

CSS Examples

Text

The CSS property to change the color of the text to Android 4285674437 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(114, 51, 197)` looks like.

```
.text, #text, p{  
    color:rgb(114, 51, 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(114, 51, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 51, 197) }
```

Border

The CSS property to change the border of an element to Android 4285674437 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(114, 51, 197) }
```

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

```
.border{ border-color:rgb(114, 51, 197) }
```

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

Here you see how a box with a 4 pixel rgb(114, 51, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 51, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 51, 197);  
box-shadow:4px 4px 4px 4px rgb(114, 51,  
197) }
```

Background

The CSS property to change the background color of an element to Android 4285674437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 51, 197) }
```

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

```
.background{ background-color: rgb(114, 51,  
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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