

Converting Colors

Android(4284771733)

Have a look what the booklet for
Android(4284771733) contains.

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Color

Android(4284771733)

Conversions

Conversions Part 1

Format	Color
Hex	646D95
RGB	100, 109, 149
RGB Percent	39%, 43%, 58%
CMY	0.6078, 0.5725, 0.4157
CMYK	0.33, 0.27, 0.00, 0.42
HSL	229°, 20%, 49%
HSV	229°, 33%, 58%
XYZ	16.1490, 15.8165, 30.6355
YIQ	110.8690, -18.2040, 10.5320

Conversions

Conversions Part 2

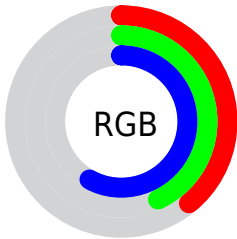
Format	Color
R_{YB}	100, 108, 149
Decimal	6581653
CIE _{Lab}	46.73, 6.53, -22.89
CIE _{LCh}	47, 23.808, 285.922
Yxy	15.8165, 0.2580, 0.2527
Android (android.graphics.Color)	4284771733 (0xFF646D95)
YUV	110.8690, 18.7986, -9.5321
Hunter-Lab	39.7700, 2.8841, -17.8331

Details

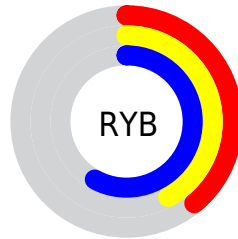
The Android color `4284771733` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4287990884`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4288192715`, and `4281548386` is the 20% darker color. If you saturate the color by 10%, you get `4283785621`, and if you desaturate by 10%, it is `4285757845`.

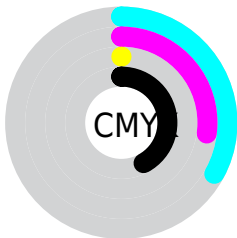
Distribution



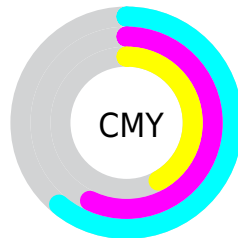
- Red (39%)
- Green (43%)
- Blue (58%)



- Red (39%)
- Yellow (42%)
- Blue (58%)



- Cyan (33%)
- Magenta (27%)
- Yellow (0%)
- Black (42%)



- Cyan (61%)
- Magenta (57%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284771733 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 4284771733 by changing the saturation by 10% instead.

■ 4284771733

■ 4284771733

4294967295

■ 4283127163

■ 4288192715

■ 4281548386

■ 4289969127

■ 4279969866

■ 4291811327

■ 4278260787

■ 4293719039

■ 4278190622

■ 4278190080

■ 4284771733

■ 4284771733

■ 4283785621

■ 4285757845

■ 4282799509

■ 4286743957

■ 4281813397

■ 4287730069

■ 4280827029

■ 4288716437

■ 4279906453

■ 4289702549

■ 4278920341

■ 4290623125

■ 4278197141

■ 4291609237

■ 4292595349

■ 4293581461

Harmonies

Analogous

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



4282741653



4284771733



4286539403

Triad

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



4284771733



4287784019



4282612068

Complementary

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



4284771733



4287990884

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.



4284184146



4284771733



4286933576

Square

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



4284771733



4288110693



4285690184



4281301625

Rectangle

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



4284771733



4287324799



4285690184



4283136094

Sweetspot

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



4284771733



4289639106



4284781963



4283783009



4292927712



4284572001

Same Dimension

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



4284771733



4285957314



4285752469



4282598474



4278196618



4278190602

Inverse Universe

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



4287980653



4290934404



4287010148



4283056964



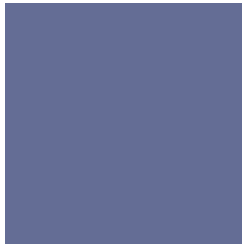
4287234073



4278845442

Previews

White Background



This preview shows how the Android color 4284771733 looks on a white background.

Color Contrast Check

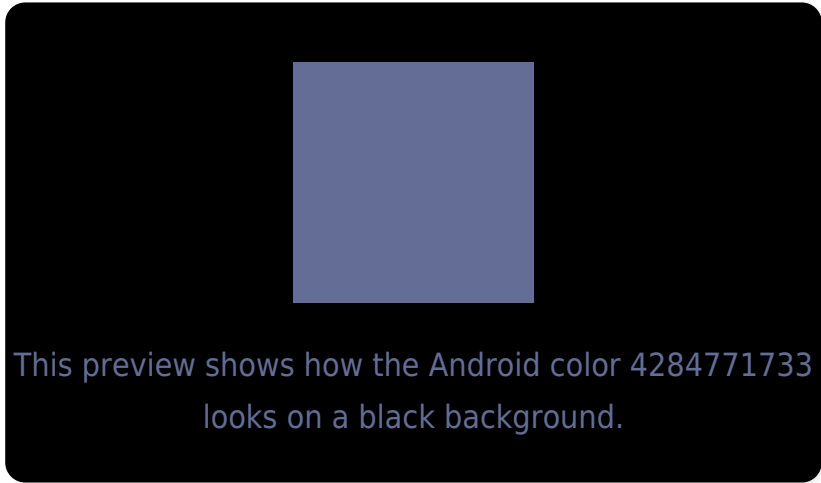
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

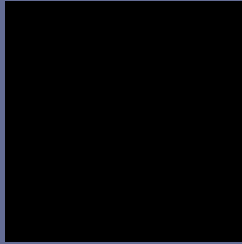
Any Text WCAG AA × Fail

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 4284771733 Background



This preview shows how black text looks on a background with the Android color 4284771733.



This preview shows how white text looks on a background with the Android color 4284771733.

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
4284771733

Protanopia
4284706197

Deuteranopia
4284771733

Trichromacy



Original Color

4284771733

Protanomaly

4284706197

Deuteranomaly

4284771733

Tritanomaly

4284510340

Monochromacy



Original Color

4284771733

Achromatopsia

4285493103

Achromatomaly

4285230717

CSS Examples

Text

The CSS property to change the color of the text to Android 4284771733 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(100, 109, 149)` looks like.

```
.text, #text, p{  
    color:rgb(100, 109, 149)  
}
```

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(100, 109, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 109, 149) }
```

Border

The CSS property to change the border of an element to Android 4284771733 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(100, 109, 149) }
```

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

```
.border{ border-color:rgb(100, 109, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 109, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 109, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 109, 149);  
box-shadow:4px 4px 4px 4px rgb(100, 109,  
149) }
```

Background

The CSS property to change the background color of an element to Android 4284771733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 109, 149) }
```

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

```
.background{ background-color: rgb(100,  
109, 149) }
```

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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