

Converting Colors

Android(4284376233)

Have a look what the booklet for
Android(4284376233) contains.

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Color

Android(4284376233)

Conversions

Conversions Part 1

Format	Color
Hex	5E64A9
RGB	94, 100, 169
RGB Percent	37%, 39%, 66%
CMY	0.6314, 0.6078, 0.3373
CMYK	0.44, 0.41, 0.00, 0.34
HSL	235°, 30%, 52%
HSV	235°, 44%, 66%
XYZ	16.3347, 14.3586, 39.4467
YIQ	106.0720, -25.7250, 20.1870

Conversions

Conversions Part 2

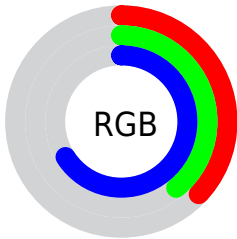
Format	Color
R _Y B	94, 100, 169
Decimal	6186153
CIE Lab	44.74, 16.17, -37.85
CIE LCh	45, 41.155, 293.130
Yxy	14.3586, 0.2329, 0.2047
Android (android.graphics.Color)	4284376233 (0xFF5E64A9)
YUV	106.0720, 31.0235, -10.5871
Hunter-Lab	37.8927, 10.6350, -35.1965

Details

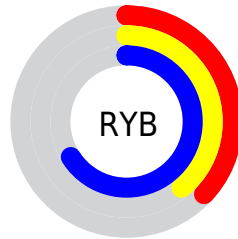
The Android color `4284376233` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289307486`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4287928289`, and `4280825460` is the 20% darker color. If you saturate the color by 10%, you get `4283258025`, and if you desaturate by 10%, it is `4285494441`.

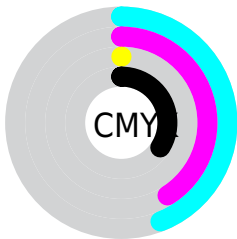
Distribution



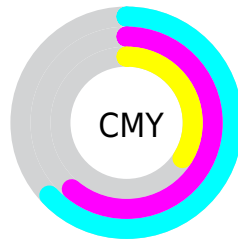
- Red (37%)
- Green (39%)
- Blue (66%)



- Red (37%)
- Yellow (39%)
- Blue (66%)



- Cyan (44%)
- Magenta (41%)
- Yellow (0%)
- Black (34%)



- Cyan (63%)
- Magenta (61%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284376233 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 4284376233 by changing the saturation by 10% instead.

■ 4284376233

■ 4284376233

4294967295

■ 4282666126

■ 4287928289

■ 4280825460

■ 4289704445

■ 4278526299

■ 4291612159

■ 4278192963

■ 4293519871

■ 4278190893

■ 4278190359

■ 4278190080

■ 4284376233

■ 4284376233

■ 4283258025

■ 4285494441

■ 4282140073

■ 4286612393

■ 4281021865

■ 4287730601

■ 4279903913

■ 4288848553

■ 4278851241

■ 4289901225

■ 4278193833

■ 4291019177

■ 4292137385

■ 4293255337

■ 4294373545

Harmonies

Analogous

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



4278218926



4284376233



4287387283

Triad

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



4284376233



4288436276



4278221409

Complementary

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



4284376233



4289307486

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.



4281890623



4284376233



4286866722

Square

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



4284376233



4289285457



4284706855



4278221700

Rectangle

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



4284376233



4288630399



4284706855



4278221141

Sweetspot

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



4284376233



4290757083



4284393891



4284243566



4293783021



4285427310

Same Dimension

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



4284376233



4284969179



4286406313



4283190356



4278193300



4278190612

Inverse Universe

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



4289289828



4292568944



4287277406



4283714636



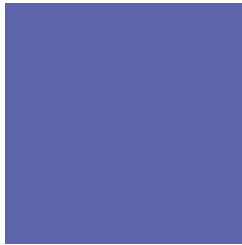
4287889420



4279500802

Previews

White Background



This preview shows how the Android color 4284376233 looks on a white background.

Color Contrast Check

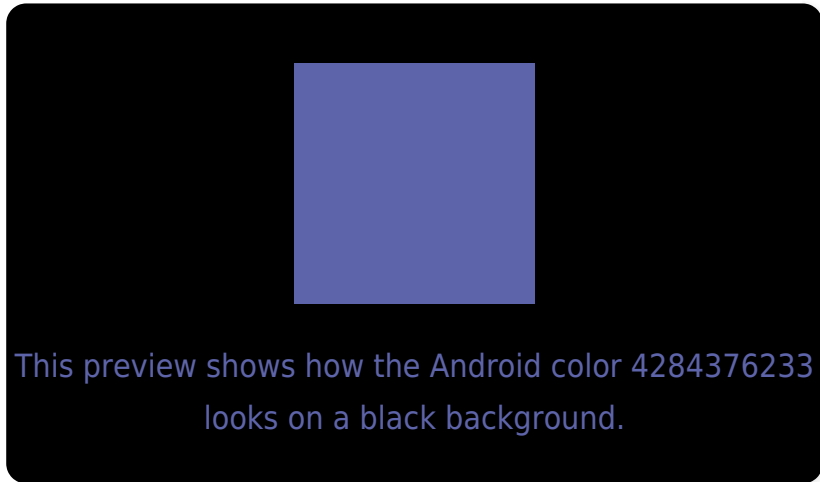
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284376233 Background



This preview shows how black text looks on a background with the Android color 4284376233.

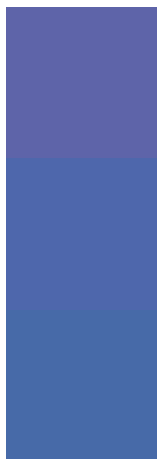


This preview shows how white text looks on a background with the Android color 4284376233.

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

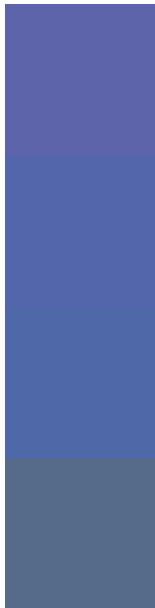


Original Color
4284376233

Protanopia
4283328428

Deuteranopia
4282870440

Trichromacy



Original Color
4284376233

Protanomaly
4283721387

Deuteranomaly
4283394216

Tritanomaly
4283853706

Monochromacy



Original Color
4284376233

Achromatopsia
4285164138

Achromatomaly
4284901505

CSS Examples

Text

The CSS property to change the color of the text to Android 4284376233 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(94, 100, 169)` looks like.

```
.text, #text, p{  
    color:rgb(94, 100, 169)  
}
```

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(94, 100, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 100, 169) }
```

Border

The CSS property to change the border of an element to Android 4284376233 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(94, 100, 169) }
```

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

```
.border{ border-color:rgb(94, 100, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 100, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 100, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 100, 169);  
box-shadow:4px 4px 4px 4px rgb(94, 100,  
169) }
```

Background

The CSS property to change the background color of an element to Android 4284376233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 100, 169) }
```

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

```
.background{ background-color: rgb(94, 100,  
169) }
```

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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