

Converting Colors

Android(4284179870)

Have a look what the booklet for
Android(4284179870) contains.

Android(4284179870)	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>	29

Color

Android(4284179870)

Conversions

Conversions Part 1

Format	Color
Hex	5B659E
RGB	91, 101, 158
RGB Percent	36%, 40%, 62%
CMY	0.6431, 0.6039, 0.3804
CMYK	0.42, 0.36, 0.00, 0.38
HSL	231°, 27%, 49%
HSV	231°, 42%, 62%
XYZ	15.1396, 14.0001, 34.2521
YIQ	104.5080, -24.2570, 15.6070

Conversions

Conversions Part 2

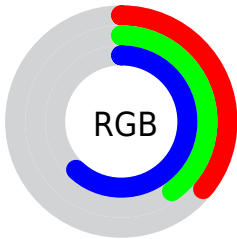
Format	Color
R_{YB}	91, 100, 158
Decimal	5989790
CIE _{Lab}	44.23, 11.41, -32.17
CIE _{LCh}	44, 34.135, 289.531
Yxy	14.0001, 0.2388, 0.2209
Android (android.graphics.Color)	4284179870 (0xFF5B659E)
YUV	104.5080, 26.3716, -11.8465
Hunter-Lab	37.4167, 6.7456, -28.0836

Details

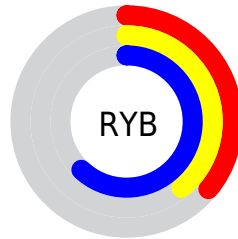
The Android color `4284179870` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288582747`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4287666389`, and `4280760170` is the 20% darker color. If you saturate the color by 10%, you get `4283127966`, and if you desaturate by 10%, it is `4285231774`.

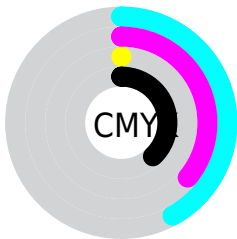
Distribution



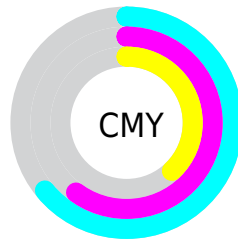
- Red (36%)
- Green (40%)
- Blue (62%)



- Red (36%)
- Yellow (39%)
- Blue (62%)



- Cyan (42%)
- Magenta (36%)
- Yellow (0%)
- Black (38%)



- Cyan (64%)
- Magenta (60%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284179870 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 4284179870 by changing the saturation by 10% instead.

■ 4284179870

■ 4284179870

4294967295

■ 4282469764

■ 4287666389

■ 4280760170

■ 4289442545

■ 4278723154

■ 4291284735

■ 4278192954

■ 4293192447

■ 4278190628

■ 4278190092

■ 4278190080

■ 4284179870

■ 4284179870

■ 4283127966

■ 4285231774

■ 4282075806

■ 4286283934

■ 4281089438

■ 4287270302

■ 4280037278

■ 4288322462

■ 4278985374

■ 4289374366

■ 4278196382

■ 4290426526

■ 4291478430

■ 4292465054

■ 4293516958

Harmonies

Analogous

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



4279856800



4284179870



4286732942

Triad

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



4284179870



4288043326



4279400029

Complementary

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



4284179870



4288582747

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.



4282807106



4284179870



4286735408

Square

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



4284179870



4288565847



4284968241



4278220667

Rectangle

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



4284179870



4287845501



4284968241



4280972884

Sweetspot

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



4284179870



4290033871



4284194452



4283980393



4293454056



4285098345

Same Dimension

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



4284179870



4284839375



4285684638



4282861647



4278195599



4278190607

Inverse Universe

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



4288568165



4291782005



4287077979



4283385672



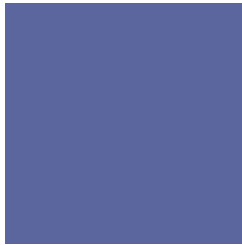
4287561749



4279173122

Previews

White Background



This preview shows how the Android color 4284179870 looks on a white background.

Color Contrast Check

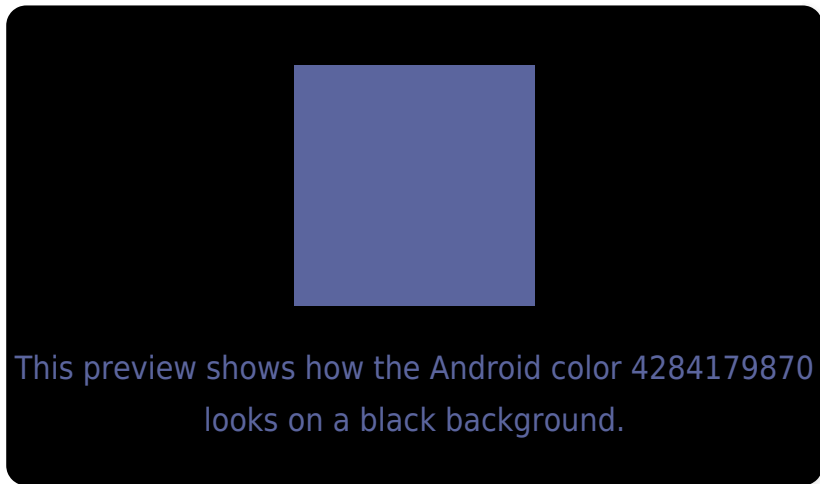
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284179870 Background



This preview shows how black text looks on a background with the Android color 4284179870.



This preview shows how white text looks on a background with the Android color 4284179870.

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

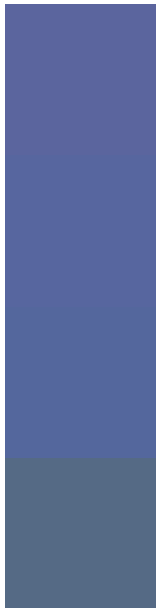


Original Color
4284179870

Protanopia
4283721631

Deuteranopia
4283459741

Trichromacy



Original Color

4284179870

Protanomaly

4283917983

Deuteranomaly

4283721629

Tritanomaly

4283787909

Monochromacy



Original Color

4284179870

Achromatopsia

4285098345

Achromatomaly

4284770428

CSS Examples

Text

The CSS property to change the color of the text to Android 4284179870 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(91, 101, 158)` looks like.

```
.text, #text, p{  
    color:rgb(91, 101, 158)  
}
```

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(91, 101, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 101, 158) }
```

Border

The CSS property to change the border of an element to Android 4284179870 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(91, 101, 158) }
```

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

```
.border{ border-color:rgb(91, 101, 158) }
```

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

Here you see how a box with a 4 pixel rgb(91, 101, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 101, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 101, 158);  
box-shadow:4px 4px 4px 4px rgb(91, 101,  
158) }
```

Background

The CSS property to change the background color of an element to Android 4284179870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 101, 158) }
```

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

```
.background{ background-color: rgb(91, 101,  
158) }
```

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