

Converting Colors

Android(4284976570)

Have a look what the booklet for
Android(4284976570) contains.

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Color

Android(4284976570)

Conversions

Conversions Part 1

Format	Color
Hex	678DBA
RGB	103, 141, 186
RGB Percent	40%, 55%, 73%
CMY	0.5961, 0.4471, 0.2706
CMYK	0.45, 0.24, 0.00, 0.27
HSL	213°, 38%, 57%
HSV	213°, 45%, 73%
XYZ	23.9813, 25.4785, 50.1083
YIQ	134.7680, -37.0930, 5.9390

Conversions

Conversions Part 2

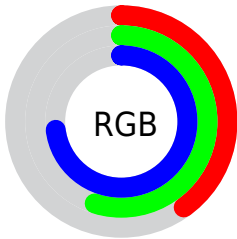
Format	Color
RYB	103, 129, 186
Decimal	6786490
CIELab	57.54, -1.03, -27.62
CIELCh	58, 27.640, 267.865
Yxy	25.4785, 0.2409, 0.2559
Android (android.graphics.Color)	4284976570 (0xFF678DBA)
YUV	134.7680, 25.2574, -27.8605
Hunter-Lab	50.4762, -3.5278, -23.5244

Details

The Android color `4284976570` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4290417767`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4288529138`, and `4281424773` is the 20% darker color. If you saturate the color by 10%, you get `4283728826`, and if you desaturate by 10%, it is `4286224314`.

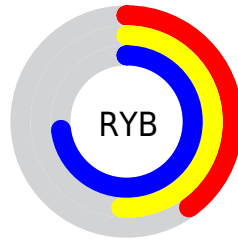
Distribution



Red (40%)

Green (55%)

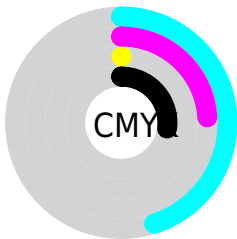
Blue (73%)



Red (40%)

Yellow (51%)

Blue (73%)

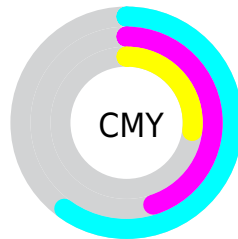


Cyan (45%)

Magenta (24%)

Yellow (0%)

Black (27%)



Cyan (60%)

Magenta (45%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284976570 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 4284976570 by changing the saturation by 10% instead.

■ 4284976570

■ 4284976570

4294967295

■ 4283200671

■ 4288529138

■ 4281424773

■ 4290371327

■ 4279321707

■ 4292279295

■ 4278201939

■ 4294180863

■ 4278196539

■ 4278190630

■ 4278190350

■ 4278190080

■ 4284976570

■ 4284976570

■ 4283728826

■ 4286224314

■ 4282546618

■ 4287406522

■ 4281298874

■ 4288654266

■ 4280116666

■ 4289836474

■ 4278868922

■ 4291084218

■ 4278212026

■ 4292332218

■ 4293514426

■ 4294762170

■ 4294961338

Harmonies

Analogous

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



4282749874



4284976570



4287333813

Triad

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



4284976570



4290411125



4284978544

Complementary

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



4284976570



4290417767

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.



4286812255



4284976570



4289757282

Square

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



4284976570



4290214029



4288448602



4283144072

Rectangle

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



4284976570



4288642987



4288448602



4285633385

Sweetspot

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



4284976570



4292076018



4284988051



4284969082



4294638330



4286216826

Same Dimension

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



4284976570



4285508594



4285163450



4283651932



4278208412



4278193436

Inverse Universe

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



4290406285



4294078379



4290230887



4284240727



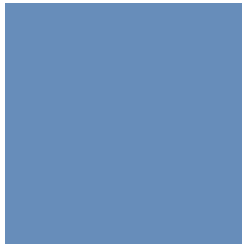
4288413767



4280025101

Previews

White Background



This preview shows how the Android color 4284976570 looks on a white background.

Color Contrast Check

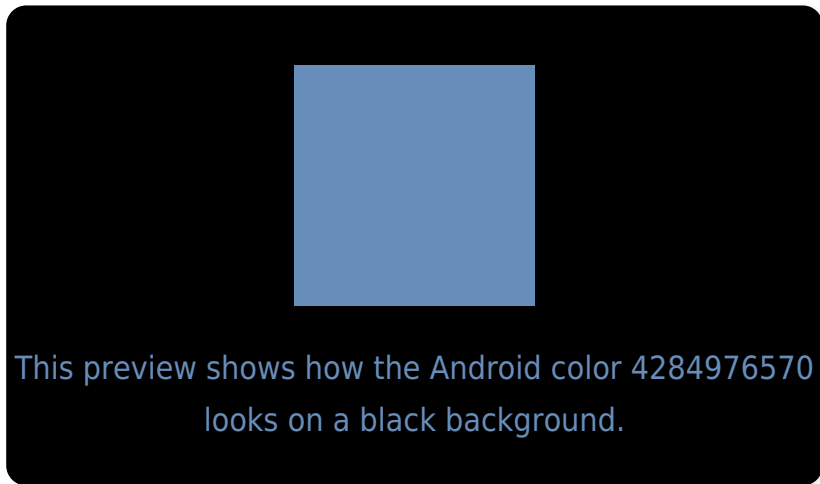
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

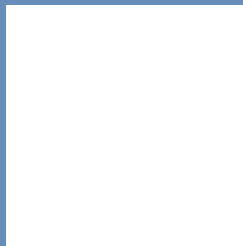
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4284976570 Background



This preview shows how black text looks on a background with the Android color 4284976570.



This preview shows how white text looks on a background with the Android color 4284976570.

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



Trichromacy



Original Color
4284976570

Protanomaly
4285893303

Deuteranomaly
4285827771

Tritanomaly
4284649640

Monochromacy



Original Color
4284976570

Achromatopsia
4287072135

Achromatomaly
4286286234

CSS Examples

Text

The CSS property to change the color of the text to Android 4284976570 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(103, 141, 186)` looks like.

```
.text, #text, p{  
    color:rgb(103, 141, 186)  
}
```

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(103, 141, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 141, 186) }
```

Border

The CSS property to change the border of an element to Android 4284976570 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(103, 141, 186) }
```

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

```
.border{ border-color:rgb(103, 141, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 141, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 141, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 141, 186);  
box-shadow:4px 4px 4px 4px rgb(103, 141,  
186) }
```

Background

The CSS property to change the background color of an element to Android 4284976570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 141, 186) }
```

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

```
.background{ background-color: rgb(103,  
141, 186) }
```

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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