

Converting Colors

Android(4281693847)

Have a look what the booklet for
Android(4281693847) contains.

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Color

Android(4281693847)

Conversions

Conversions Part 1

Format	Color
Hex	357697
RGB	53, 118, 151
RGB Percent	21%, 46%, 59%
CMY	0.7922, 0.5373, 0.4078
CMYK	0.65, 0.22, 0.00, 0.41
HSL	200°, 48%, 40%
HSV	200°, 65%, 59%
XYZ	13.5325, 15.9481, 31.6432
YIQ	102.3270, -49.3330, -3.5170

Conversions

Conversions Part 2

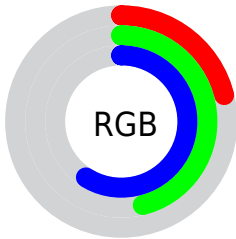
Format	Color
RYB	53, 92, 151
Decimal	3503767
CIELab	46.91, -10.06, -24.02
CIELCh	47, 26.039, 247.268
Yxy	15.9481, 0.2214, 0.2609
Android (android.graphics.Color)	4281693847 (0xFF357697)
YUV	102.3270, 23.9958, -43.2598
Hunter-Lab	39.9351, -9.3993, -19.0248

Details

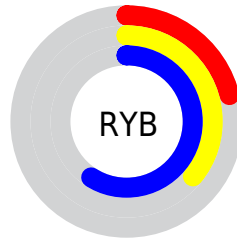
The Android color `4281693847` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288108085`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4285442765`, and `4278208100` is the 20% darker color. If you saturate the color by 10%, you get `4280709527`, and if you desaturate by 10%, it is `4282678167`.

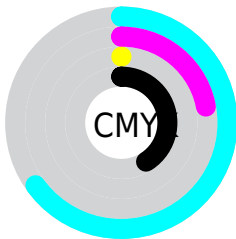
Distribution



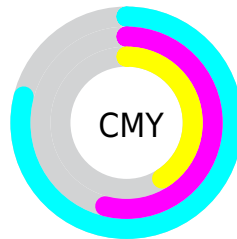
- Red (21%)
- Green (46%)
- Blue (59%)



- Red (21%)
- Yellow (36%)
- Blue (59%)



- Cyan (65%)
- Magenta (22%)
- Yellow (0%)
- Black (41%)



- Cyan (79%)
- Magenta (54%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281693847 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 4281693847 by changing the saturation by 10% instead.



4281693847



4281693847

4294967295



4279328125



4285442765



4278208100



4287284714



4278202188



4289126911



4278197045



4290969343



4278190624



4292870143



4278190084

4294836223



4278190080



4281693847



4281693847



4280709527



4282678167

■ 4279725207

■ 4283662487

■ 4278740887

■ 4284646807

■ 4278215831

■ 4285631127

■ 4286680983

■ 4287665559

■ 4288649879

■ 4289634199

■ 4290618519

Harmonies

Analogous

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



4280056457



4281693847



4284051610

Triad

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



4281693847



4288306795



4284577356

Complementary

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



4281693847



4288108085

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.



4286148675



4281693847



4288176470

Square

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



4281693847



4287586689



4287391815



4282808926

Rectangle

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



4281693847



4285491862



4287391815



4285101128

Sweetspot

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



4281693847



4288657604



4281702230



4283260003



4293125091



4284703587

Same Dimension

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



4281693847



4281045444



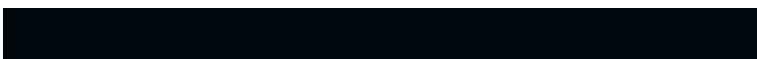
4281681303



4282731085



4278214028



4278192141

Inverse Universe

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



4288099702



4291046289



4288120629



4283254090



4287365213



4279042056

Previews

White Background



This preview shows how the Android color 4281693847 looks on a white background.

Color Contrast Check

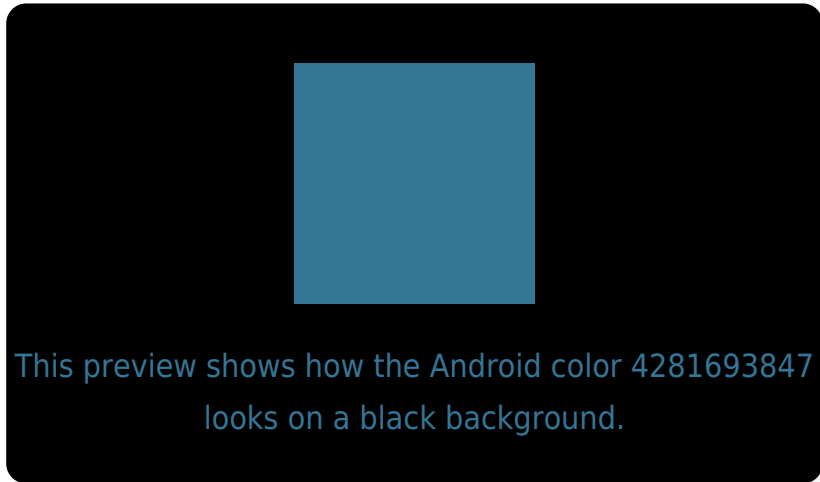
Large Text (above 18pt) WCAG AA ✓ Pass

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

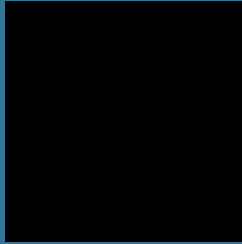
Any Text WCAG AA × Fail

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 4281693847 Background



This preview shows how black text looks on a background with the Android color 4281693847.

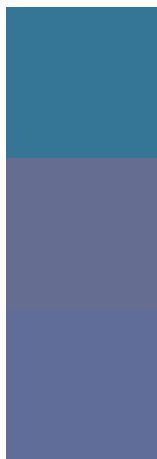


This preview shows how white text looks on a background with the Android color 4281693847.

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
4281693847

Protanopia
4284837264

Deuteranopia
4284575129

Trichromacy



Original Color

4281693847

Protanomaly

4283723923

Deuteranomaly

4283527320

Tritanomaly

4281235850

Monochromacy



Original Color

4281693847

Achromatopsia

4284900966

Achromatomaly

4283722872

CSS Examples

Text

The CSS property to change the color of the text to Android 4281693847 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(53, 118, 151)` looks like.

```
.text, #text, p{  
    color:rgb(53, 118, 151)  
}
```

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(53, 118, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 118, 151) }
```

Border

The CSS property to change the border of an element to Android 4281693847 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(53, 118, 151) }
```

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

```
.border{ border-color:rgb(53, 118, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 118, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 118, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 118, 151);  
box-shadow:4px 4px 4px 4px rgb(53, 118,  
151) }
```

Background

The CSS property to change the background color of an element to Android 4281693847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 118, 151) }
```

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

```
.background{ background-color: rgb(53, 118,  
151) }
```

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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