

Converting Colors

Android(4282937798)

Have a look what the booklet for
Android(4282937798) contains.

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Color

Android(4282937798)

Conversions

Conversions Part 1

Format	Color
Hex	4871C6
RGB	72, 113, 198
RGB Percent	28%, 44%, 78%
CMY	0.7176, 0.5569, 0.2235
CMYK	0.64, 0.43, 0.00, 0.22
HSL	220°, 52%, 53%
HSV	220°, 64%, 78%
XYZ	18.7707, 17.2652, 55.7693
YIQ	110.4310, -51.7210, 17.7430

Conversions

Conversions Part 2

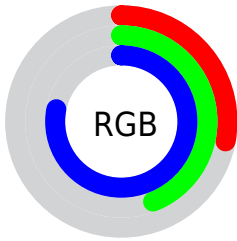
Format	Color
R_{YB}	72, 103, 198
Decimal	4747718
CIE _{Lab}	48.59, 12.76, -48.65
CIE _{LCh}	49, 50.299, 284.692
Yxy	17.2652, 0.2045, 0.1881
Android (android.graphics.Color)	4282937798 (0xFF4871C6)
YUV	110.4310, 43.1715, -33.7040
Hunter-Lab	41.5514, 7.9216, -50.4916

Details

The Android color `4282937798` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted azure. A complement of this color would be `4291206472`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4286817535`, and `4278207119` is the 20% darker color. If you saturate the color by 10%, you get `4281623750`, and if you desaturate by 10%, it is `4284251846`.

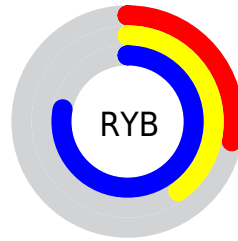
Distribution



Red (28%)

Green (44%)

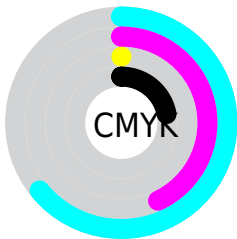
Blue (78%)



Red (28%)

Yellow (40%)

Blue (78%)

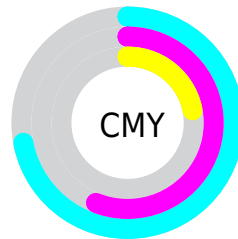


Cyan (64%)

Magenta (43%)

Yellow (0%)

Black (22%)



Cyan (72%)

Magenta (56%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282937798 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 4282937798 by changing the saturation by 10% instead.

■ 4282937798

■ 4282937798

4294967295

■ 4280637866

■ 4286817535

■ 4278207119

■ 4288790527

■ 4278201461

■ 4290698239

■ 4278196572

■ 4292605951

■ 4278190660

■ 4294574079

■ 4278190893

■ 4278190359

■ 4278190080

■ 4282937798

■ 4282937798

■ 4281623750

■ 4284251846

■ 4280309446

■ 4285566150

■ 4279060934

■ 4286814662

■ 4278206662

■ 4288128710

■ 4289443014

■ 4290757062

■ 4292071366

■ 4293319878

■ 4294633926

Harmonies

Analogous

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



4278222533



4282937798



4287651760

Triad

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



4282937798



4290140217



4278224475

Complementary

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



4282937798



4291206472

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.



4282745139



4282937798



4288375067

Square

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



4282937798



4290858080



4285954070



4278225032

Rectangle

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



4282937798



4289483673



4285954070



4278224205

Sweetspot

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



4282937798



4291813119



4282959516



4284640384



4278190080



4286611584

Same Dimension

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



4282937798



4282219775



4284303558



4284112227



4278203811



4278193188

Inverse Universe

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



4291184753



4294917500



4289840712



4284701277



4288872501



4280549388

Previews

White Background



This preview shows how the Android color 4282937798 looks on a white background.

Color Contrast Check

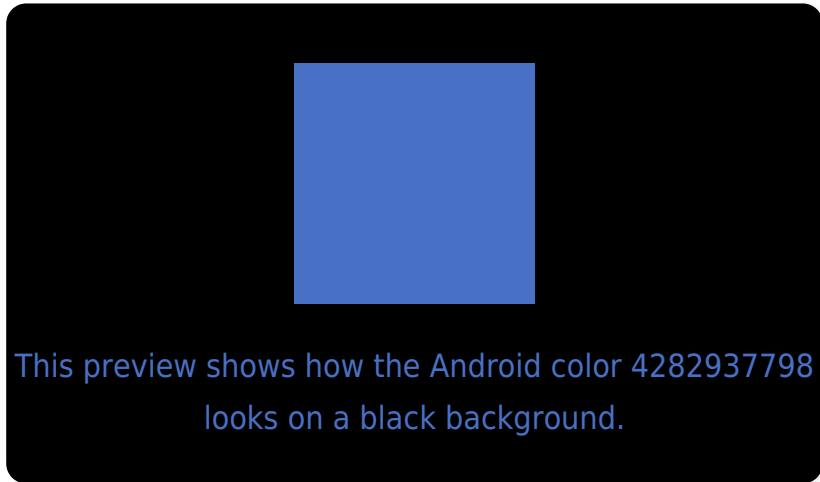
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282937798 Background



This preview shows how black text looks on a background with the Android color 4282937798.



This preview shows how white text looks on a background with the Android color 4282937798.

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

4282937798

Protanopia

4283330757

Deuteranopia

4281627845

Trichromacy



Original Color
4282937798

Protanomaly
4283199685

Deuteranomaly
4282086341

Tritanomaly
4281498015

Monochromacy



Original Color
4282937798

Achromatopsia
4285427310

Achromatomaly
4284510094

CSS Examples

Text

The CSS property to change the color of the text to Android 4282937798 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(72, 113, 198)` looks like.

```
.text, #text, p{  
    color:rgb(72, 113, 198)  
}
```

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(72, 113, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 113, 198) }
```

Border

The CSS property to change the border of an element to Android 4282937798 is called "border". The border property can be set on classes, ids or directly on the HTML element.

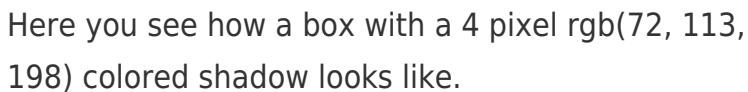
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(72, 113, 198) }
```

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

```
.border{ border-color:rgb(72, 113, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(72, 113, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 113, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 113, 198);  
box-shadow:4px 4px 4px 4px rgb(72, 113,  
198) }
```

Background

The CSS property to change the background color of an element to Android 4282937798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 113, 198) }
```

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

```
.background{ background-color: rgb(72, 113,  
198) }
```

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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