

Converting Colors

Android(4283987634)

Have a look what the booklet for
Android(4283987634) contains.

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Color

Android(4283987634)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5876B2 |
| RGB | 88, 118, 178 |
| RGB Percent | 35%, 46%, 70% |
| CMY | 0.6549, 0.5373, 0.3020 |
| CMYK | 0.51, 0.34, 0.00, 0.30 |
| HSL | 220°, 37%, 52% |
| HSV | 220°, 51%, 70% |
| XYZ | 18.5388, 18.2459, 44.6642 |
| YIQ | 115.8700, -37.1400, 12.3000 |

Conversions

Conversions Part 2

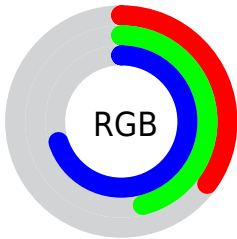
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 88, 111, 178 |
| Decimal | 5797554 |
| CIE Lab | 49.79, 6.38, -35.17 |
| CIE LCh | 50, 35.741, 280.280 |
| Yxy | 18.2459, 0.2276, 0.2240 |
| Android (android.graphics.Color) | 4283987634 (0xFF5876B2) |
| YUV | 115.8700, 30.6301, -24.4420 |
| Hunter-Lab | 42.7153, 2.7190, -32.0945 |

Details

The Android color `4283987634` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289893464`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4287605482`, and `4280174205` is the 20% darker color. If you saturate the color by 10%, you get `4282804914`, and if you desaturate by 10%, it is `4285170354`.

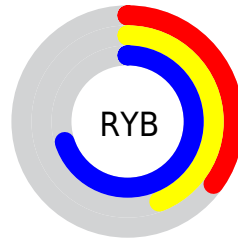
Distribution



Red (35%)

Green (46%)

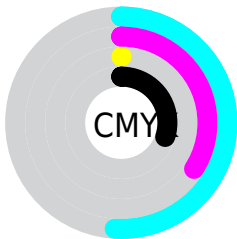
Blue (70%)



Red (35%)

Yellow (44%)

Blue (70%)

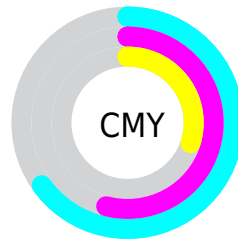


Cyan (51%)

Magenta (34%)

Yellow (0%)

Black (30%)



Cyan (65%)

Magenta (54%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283987634 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 4283987634 by changing the saturation by 10% instead.

■ 4283987634

■ 4283987634

4294967295

■ 4282146199

■ 4287605482

■ 4280174205

■ 4289447423

■ 4278202468

■ 4291289599

■ 4278197323

■ 4293197567

■ 4278190133

■ 4278190622

■ 4278190081

■ 4278190080

■ 4283987634

■ 4283987634

■ 4282804914

■ 4285170354

■ 4281622194

■ 4286353074

■ 4280505010

■ 4287470258

■ 4279322546

■ 4288652722

■ 4278205362

■ 4289835442

■ 4291018162

■ 4292200882

■ 4293318066

■ 4294500786

Harmonies

Analogous

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



4278222767



4283987634



4287064741

Triad

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



4283987634



4289422161



4281566561

Complementary

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



4283987634



4289893464

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.



4284383303



4283987634



4288310845

Square

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



4283987634



4289748333



4286543929



4278224512

Rectangle

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



4283987634



4288439189



4286543929



4282614615

Sweetspot

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



4283987634



4291154408



4284002964



4284508021



4294309365



4285887861

Same Dimension

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



4283987634



4284123880



4284962994



4283454297



4278203289



4278192154

Inverse Universe

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



4289878134



4293417610



4288918104



4284043347



4288217139



4279894024

Previews

White Background



This preview shows how the Android color 4283987634 looks on a white background.

Color Contrast Check

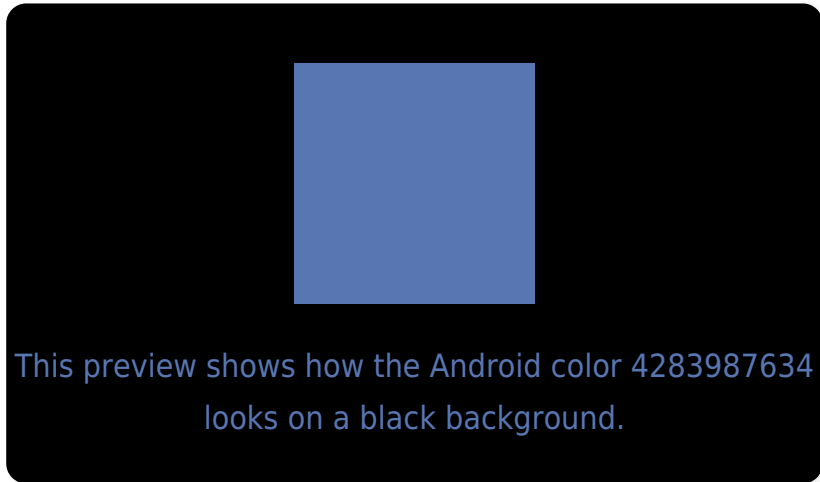
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

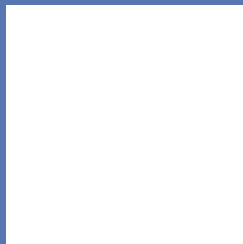
Any Text WCAG AAA × Fail

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

Android 4283987634 Background



This preview shows how black text looks on a background with the Android color 4283987634.



This preview shows how white text looks on a background with the Android color 4283987634.

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

4283987634

Protanopia

4284576944

Deuteranopia

4284118706

Trichromacy



Original Color
4283987634

Protanomaly
4284380593

Deuteranomaly
4284053170

Tritanomaly
4283464599

Monochromacy



Original Color
4283987634

Achromatopsia
4285822068

Achromatomaly
4285166987

CSS Examples

Text

The CSS property to change the color of the text to Android 4283987634 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(88, 118, 178)` looks like.

```
.text, #text, p{  
    color:rgb(88, 118, 178)  
}
```

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(88, 118, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 118, 178) }
```

Border

The CSS property to change the border of an element to Android 4283987634 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(88, 118, 178) }
```

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

```
.border{ border-color:rgb(88, 118, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 118, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 118, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 118, 178);  
box-shadow:4px 4px 4px 4px rgb(88, 118,  
178) }
```

Background

The CSS property to change the background color of an element to Android 4283987634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 118, 178) }
```

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

```
.background{ background-color: rgb(88, 118,  
178) }
```

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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