

Converting Colors

Android(4283786950)

Have a look what the booklet for
Android(4283786950) contains.

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Color

Android(4283786950)

Conversions

Conversions Part 1

Format	Color
Hex	5566C6
RGB	85, 102, 198
RGB Percent	33%, 40%, 78%
CMY	0.6667, 0.6000, 0.2235
CMYK	0.57, 0.48, 0.00, 0.22
HSL	231°, 50%, 55%
HSV	231°, 57%, 78%
XYZ	18.6907, 15.5113, 55.4349
YIQ	107.8610, -40.9480, 26.2520

Conversions

Conversions Part 2

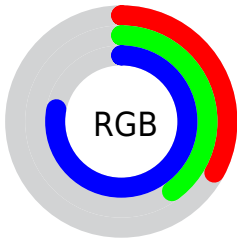
Format	Color
R _Y B	85, 100, 198
Decimal	5596870
CIE Lab	46.33, 22.11, -52.24
CIE LCh	46, 56.726, 292.939
Yxy	15.5113, 0.2085, 0.1730
Android (android.graphics.Color)	4283786950 (0xFF5566C6)
YUV	107.8610, 44.4385, -20.0491
Hunter-Lab	39.3843, 15.7886, -55.8839

Details

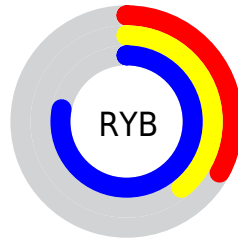
The Android color `4283786950` is a dark color, and the websafe version is hex `6666CC`. The color can be described as dark muted azure. A complement of this color would be `4291212629`, and the grayscale version is `4285229931`.

A 20% lighter version of the original color is `4287601151`, and `4278859919` is the 20% darker color. If you saturate the color by 10%, you get `4282471878`, and if you desaturate by 10%, it is `4285102022`.

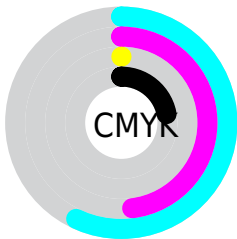
Distribution



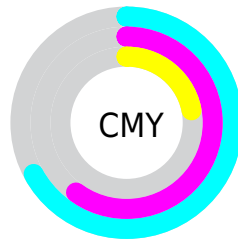
- Red (33%)
- Green (40%)
- Blue (78%)



- Red (33%)
- Yellow (39%)
- Blue (78%)



- Cyan (57%)
- Magenta (48%)
- Yellow (0%)
- Black (22%)



- Cyan (67%)
- Magenta (60%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283786950 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 4283786950 by changing the saturation by 10% instead.

■ 4283786950

■ 4283786950

4294967295

■ 4281749162

■ 4287601151

■ 4278859919

■ 4289508351

■ 4278199157

■ 4291416063

■ 4278194268

■ 4293323775

■ 4278190660

■ 4278190892

■ 4278190359

■ 4278190080

■ 4283786950

■ 4283786950

■ 4282471878

■ 4285102022

■ 4281156806

■ 4286417094

■ 4279907526

■ 4287666374

■ 4278592454

■ 4288981446

■ 4278197958

■ 4290296518

■ 4291611590

■ 4292926662

■ 4294176198

■ 4294966726

Harmonies

Analogous

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



4278220749



4283786950



4288434088

Triad

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



4283786950



4289680416



4278223713

Complementary

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



4283786950



4291212629

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.



4279861040



4283786950



4287457280

Square

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



4283786950



4290854988



4284577280



4278223762

Rectangle

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



4283786950



4290069131



4284577280



4278223440

Sweetspot

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



4283786950



4292139775



4283811507



4284902016



4278190080



4286611584

Same Dimension

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



4283786950



4283591935



4286272966



4284111715



4278196643



4278191396

Inverse Universe

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



4291188070



4294922860



4288726613



4284701275



4288872473



4280549381

Previews

White Background



This preview shows how the Android color 4283786950 looks on a white background.

Color Contrast Check

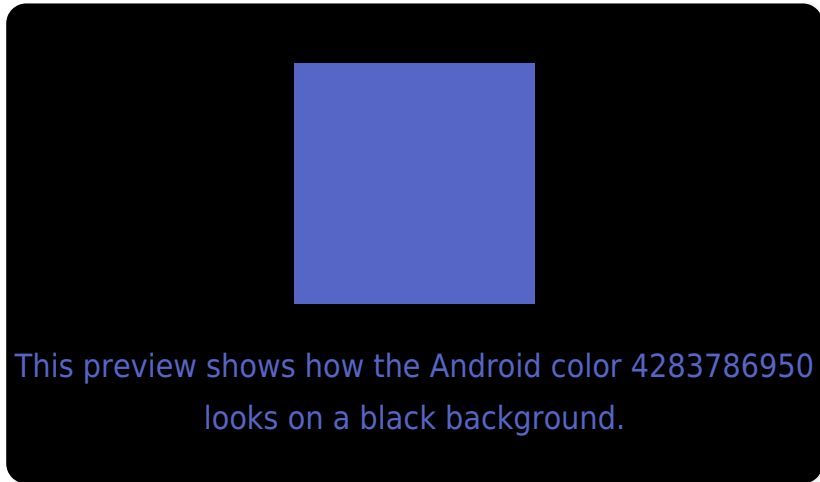
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283786950 Background



This preview shows how black text looks on a background with the Android color 4283786950.

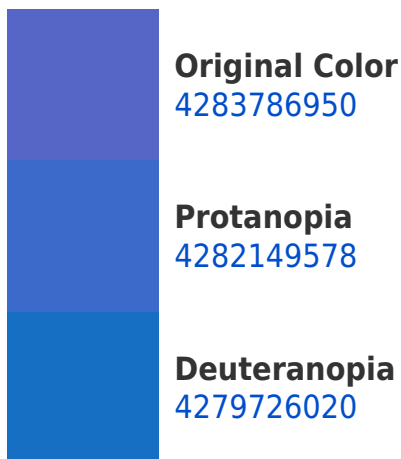


This preview shows how white text looks on a background with the Android color 4283786950.

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
4283786950

Protanomaly
4282739145

Deuteranomaly
4281232581

Tritanomaly
4282609817

Monochromacy



Original Color
4283786950

Achromatopsia
4285295724

Achromatomaly
4284770957

CSS Examples

Text

The CSS property to change the color of the text to Android 4283786950 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(85, 102, 198)` looks like.

```
.text, #text, p{  
    color:rgb(85, 102, 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(85, 102, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 102, 198) }
```

Border

The CSS property to change the border of an element to Android 4283786950 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(85, 102, 198) }
```

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

```
.border{ border-color:rgb(85, 102, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 102, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 102, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 102, 198);  
box-shadow:4px 4px 4px 4px rgb(85, 102,  
198) }
```

Background

The CSS property to change the background color of an element to Android 4283786950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 102, 198) }
```

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

```
.background{ background-color: rgb(85, 102,  
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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