

Converting Colors

Android(4283723980)

Have a look what the booklet for
Android(4283723980) contains.

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Color

Android(4283723980)

Conversions

Conversions Part 1

Format	Color
Hex	5470CC
RGB	84, 112, 204
RGB Percent	33%, 44%, 80%
CMY	0.6706, 0.5608, 0.2000
CMYK	0.59, 0.45, 0.00, 0.20
HSL	226°, 54%, 56%
HSV	226°, 59%, 80%
XYZ	20.3494, 17.8328, 59.4963
YIQ	114.1160, -46.2200, 22.6760

Conversions

Conversions Part 2

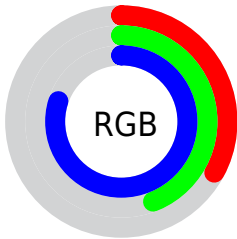
Format	Color
R _Y B	84, 107, 204
Decimal	5533900
CIE _{Lab}	49.29, 17.68, -50.93
CIE _{LCh}	49, 53.917, 289.146
Yxy	17.8328, 0.2083, 0.1826
Android (android.graphics.Color)	4283723980 (0xFF5470CC)
YUV	114.1160, 44.3128, -26.4117
Hunter-Lab	42.2289, 12.1157, -53.9735

Details

The Android color `4283723980` is a dark color, and the websafe version is hex `3366CC`. The color can be described as middle muted azure. A complement of this color would be `4291604564`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4287538175`, and `4278337941` is the 20% darker color. If you saturate the color by 10%, you get `4282409164`, and if you desaturate by 10%, it is `4285038796`.

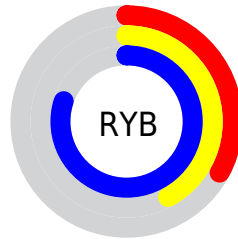
Distribution



Red (33%)

Green (44%)

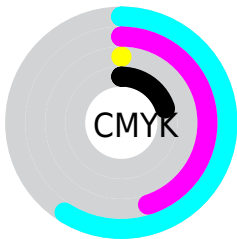
Blue (80%)



Red (33%)

Yellow (42%)

Blue (80%)

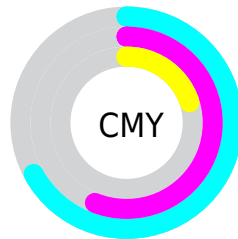


Cyan (59%)

Magenta (45%)

Yellow (0%)

Black (20%)



Cyan (67%)

Magenta (56%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283723980 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 4283723980 by changing the saturation by 10% instead.

■ 4283723980

■ 4283723980

4294967295

■ 4281620656

■ 4287538175

■ 4278337941

■ 4289445631

■ 4278201211

■ 4291418879

■ 4278196321

■ 4293326591

■ 4278190153

■ 4278191153

■ 4278190364

■ 4278190080

■ 4283723980

■ 4283723980

■ 4282409164

■ 4285038796

■ 4281029068

■ 4286418892

■ 4279714252

■ 4287733708

■ 4278333900

■ 4289114060

■ 4278202572

■ 4290428620

■ 4291743436

■ 4293123532

■ 4294438348

■ 4294966732

Harmonies

Analogous

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



4278222799



4283723980



4288437426

Triad

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



4283723980



4290337329



4278225506

Complementary

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



4283723980



4291604564

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.



4281828661



4283723980



4288310543

Square

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



4283723980



4291250778



4285561872



4278225810

Rectangle

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



4283723980



4290203543



4285561872



4278225235

Sweetspot

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



4283723980



4291943679



4283747504



4284705408



4278190080



4286611584

Same Dimension

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



4283723980



4283069695



4285813964



4284243558



4278200230



4278192422

Inverse Universe

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



4291581040



4294920820



4289514580



4284898398



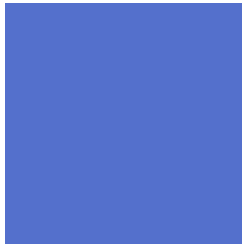
4289069095



4280680457

Previews

White Background



This preview shows how the Android color 4283723980 looks on a white background.

Color Contrast Check

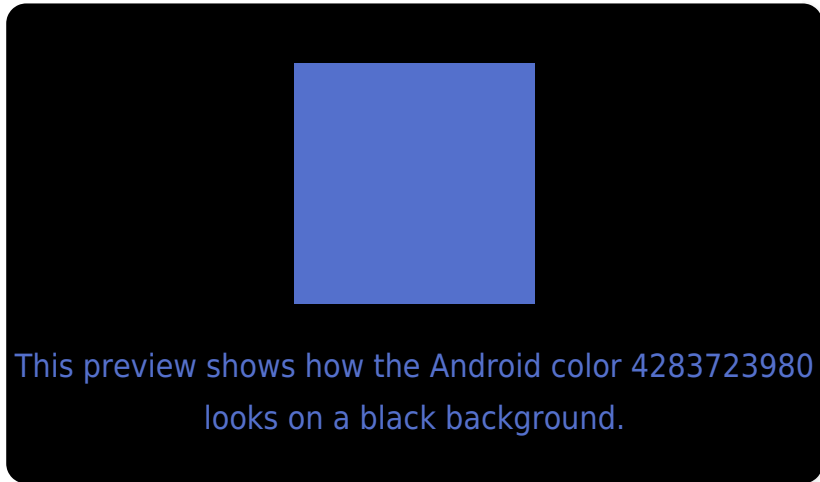
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283723980 Background



This preview shows how black text looks on a background with the Android color 4283723980.



This preview shows how white text looks on a background with the Android color 4283723980.

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
4283723980

Protanopia
4283069134

Deuteranopia
4281366219

Trichromacy



Original Color
4283723980

Protanomaly
4283331021

Deuteranomaly
4282217675

Tritanomaly
4282546849

Monochromacy



Original Color
4283723980

Achromatopsia
4285690482

Achromatomaly
4284969363

CSS Examples

Text

The CSS property to change the color of the text to Android 4283723980 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(84, 112, 204)` looks like.

```
.text, #text, p{  
    color:rgb(84, 112, 204)  
}
```

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(84, 112, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 112, 204) }
```

Border

The CSS property to change the border of an element to Android 4283723980 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(84, 112, 204) }
```

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

```
.border{ border-color:rgb(84, 112, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 112, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 112, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 112, 204);  
box-shadow:4px 4px 4px 4px rgb(84, 112,  
204) }
```

Background

The CSS property to change the background color of an element to Android 4283723980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 112, 204) }
```

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

```
.background{ background-color: rgb(84, 112,  
204) }
```

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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