

# Converting Colors

Android(4283463880)

Have a look what the booklet for  
Android(4283463880) contains.

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# Color

**Android(4283463880)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5078C8
RGB	80, 120, 200
RGB Percent	31%, 47%, 78%
CMY	0.6863, 0.5294, 0.2157
CMYK	0.60, 0.40, 0.00, 0.22
HSL	220°, 52%, 55%
HSV	220°, 60%, 78%
XYZ	20.4501, 19.3085, 57.2927
YIQ	117.1600, -49.5200, 16.4000

# Conversions

## Conversions Part 2

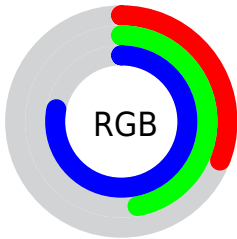
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	80, 110, 200
Decimal	5273800
CIE Lab	51.05, 10.62, -45.87
CIE LCh	51, 47.080, 283.033
Yxy	19.3085, 0.2107, 0.1990
Android (android.graphics.Color)	4283463880 (0xFF5078C8)
YUV	117.1600, 40.8401, -32.5893
Hunter-Lab	43.9415, 6.1750, -46.5456

# Details

The Android color `4283463880` 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 `4291338320`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4287278335`, and `4278208657` is the 20% darker color. If you saturate the color by 10%, you get `4282149832`, and if you desaturate by 10%, it is `4284777928`.

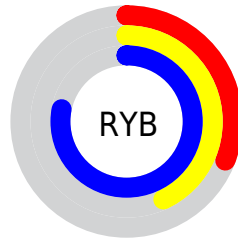
# Distribution



Red (31%)

Green (47%)

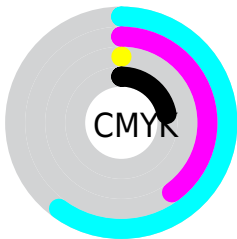
Blue (78%)



Red (31%)

Yellow (43%)

Blue (78%)

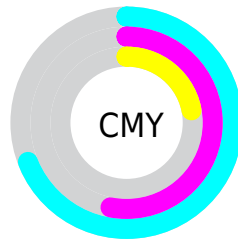


Cyan (60%)

Magenta (40%)

Yellow (0%)

Black (22%)



Cyan (69%)

Magenta (53%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283463880 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 4283463880 by changing the saturation by 10% instead.



 4283463880

 4283463880

4294967295

 4281360556

 4287278335

 4278208657

 4289185791

 4278202999

 4291093503

 4278197854

 4293066751

 4278190918

 4278191151

 4278190361

 4278190080

 4283463880

 4283463880

■ 4282149832

■ 4284777928

■ 4280835528

■ 4286092232

■ 4279521480

■ 4287406280

■ 4278207432

■ 4288720328

■ 4290034632

■ 4291348680

■ 4292662728

■ 4293977032

■ 4294963400

# Harmonies

## Analogous

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



4278224070



4283463880



4287850677

# Triad

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



4283463880



4290469956



4278226017

# Complementary

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



4283463880



4291338320

# 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.



4283598652



4283463880



4288835370

# Square

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



4283463880



4291057258



4286545189



4278226314

# Rectangle

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



4283463880



4289617311



4286545189



4280584787



# Sweetspot

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



4283463880



4291944703



4283484320



4284706176



4278190080



4286611584



# Same Dimension

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



4283463880



4282877439



4284764360



4284112227



4278204067



4278193188



# Inverse Universe

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



4291317880



4294920069



4290037840



4284701277



4288872502



4280549388



# Previews

## White Background



This preview shows how the Android color 4283463880 looks on a white background.

## Color Contrast Check

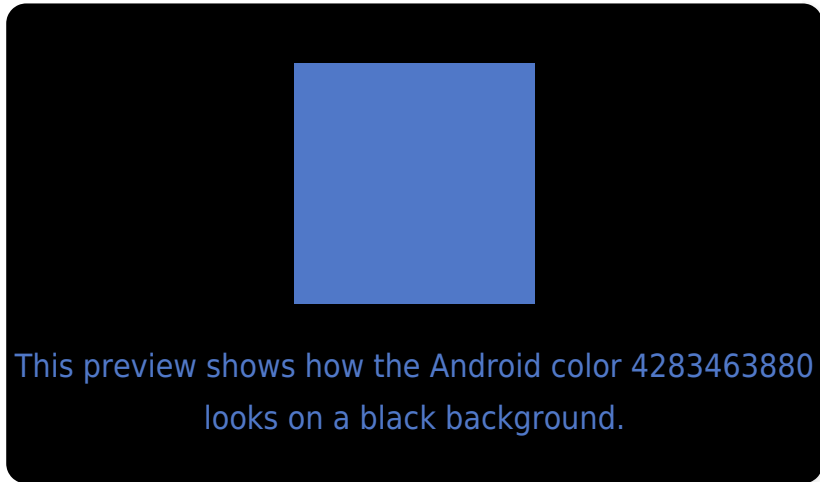
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 4283463880 Background



This preview shows how black text looks on a background with the Android color 4283463880.

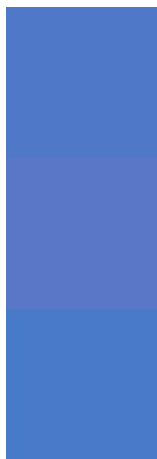


This preview shows how white text looks on a background with the Android color 4283463880.

# 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**  
4283463880

**Protanopia**  
4284053191

**Deuteranopia**  
4282874568



# Trichromacy



**Original Color**  
4283463880

**Protanomaly**  
4283856839

**Deuteranomaly**  
4283070920

**Tritanomaly**  
4282351780

# Monochromacy



**Original Color**  
4283463880

**Achromatopsia**  
4285887861

**Achromatomaly**  
4285036179

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283463880 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(80, 120, 200)` looks like.

```
.text, #text, p{  
    color:rgb(80, 120, 200)  
}
```

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(80, 120, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 120, 200) }
```

## Border

The CSS property to change the border of an element to Android 4283463880 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(80, 120, 200) }
```

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

```
.border{ border-color:rgb(80, 120, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 120, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 120, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 120, 200);  
box-shadow:4px 4px 4px 4px rgb(80, 120,  
200) }
```

# Background

The CSS property to change the background color of an element to Android 4283463880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 120, 200) }
```

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

```
.background{ background-color: rgb(80, 120,  
200) }
```

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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