

# Converting Colors

Android(4280847043)

Have a look what the booklet for  
Android(4280847043) contains.

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# Color

**Android(4280847043)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	288AC3
RGB	40, 138, 195
RGB Percent	16%, 54%, 76%
CMY	0.8431, 0.4588, 0.2353
CMYK	0.79, 0.29, 0.00, 0.24
HSL	202°, 66%, 46%
HSV	202°, 79%, 76%
XYZ	19.8139, 22.5682, 54.9416
YIQ	115.1960, -76.7050, -3.0490

# Conversions

## Conversions Part 2

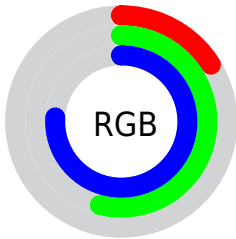
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	40, 100, 195
Decimal	2656963
CIE Lab	54.62, -7.95, -37.46
CIE LCh	55, 38.292, 258.021
Yxy	22.5682, 0.2036, 0.2319
Android (android.graphics.Color)	4280847043 (0xFF288AC3)
YUV	115.1960, 39.3434, -65.9469
Hunter-Lab	47.5060, -8.6865, -35.3158

# Details

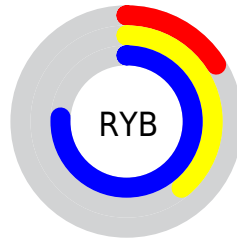
The Android color `4280847043` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark muted azure. A complement of this color would be `4290994472`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4285448188`, and `4278212749` is the 20% darker color. If you saturate the color by 10%, you get `4279534531`, and if you desaturate by 10%, it is `4282159555`.

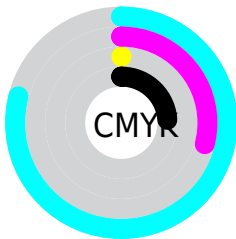
# Distribution



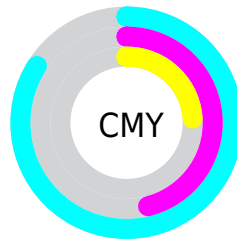
- Red (16%)
- Green (54%)
- Blue (76%)



- Red (16%)
- Yellow (39%)
- Blue (76%)



- Cyan (79%)
- Magenta (29%)
- Yellow (0%)
- Black (24%)



- Cyan (84%)
- Magenta (46%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280847043 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 4280847043 by changing the saturation by 10% instead.



 4280847043

 4280847043

4294967295

 4278219176

 4285448188

 4278212749

 4287421439

 4278206835

 4289394943

 4278201178

 4291362815

 4278196290

 4293328895

 4278190892

 4278190358

 4278190080

 4280847043

 4280847043

■ 4279534531

■ 4282159555

■ 4278287555

■ 4283406531

■ 4278221763

■ 4284653763

■ 4285966275

■ 4287213251

■ 4288525763

■ 4289838275

■ 4291085251

■ 4292398019

# Harmonies

## Analogous

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



4278227379



4280847043



4285628354

# Triad

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



4280847043



4290930800



4284321621

# Complementary

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



4280847043



4290994472

# 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.



4286809922



4280847043



4290342995

# Square

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



4280847043



4290406801



4288838721



4280914804

# Rectangle

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



4280847043



4287723447



4288838721



4285238605

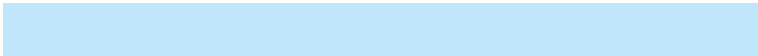


# Sweetspot

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



4280847043



4290832124



4280861537



4284183168



4278190080



4286611584



# Same Dimension

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



4280847043



4279084284



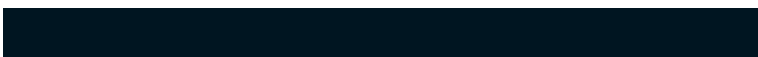
4280827331



4283915617



4278216353



4278195489



# Inverse Universe

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



4290979978



4294708644



4291014184



4284569437



4288741478



4280352789



# Previews

## White Background



This preview shows how the Android color 4280847043 looks on a white background.

## Color Contrast Check

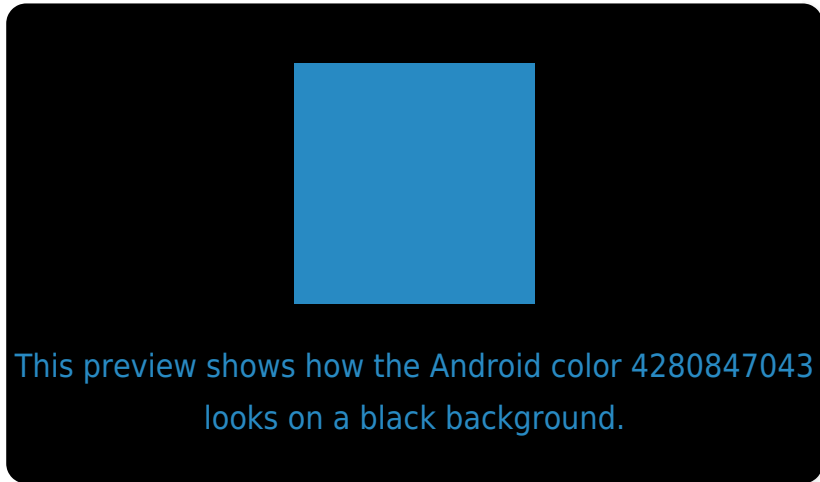
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280847043 Background



This preview shows how black text looks on a background with the Android color 4280847043.



This preview shows how white text looks on a background with the Android color 4280847043.

# 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**  
4280847043

**Protanomaly**  
4283794622

**Deuteranomaly**  
4283270340

**Tritanomaly**  
4279209642

# Monochromacy



**Original Color**  
4280847043

**Achromatopsia**  
4285756275

**Achromatomaly**  
4283988880

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280847043 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(40, 138, 195)` looks like.

```
.text, #text, p{  
    color:rgb(40, 138, 195)  
}
```

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(40, 138, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 138, 195) }
```

## Border

The CSS property to change the border of an element to Android 4280847043 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(40, 138, 195) }
```

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

```
.border{ border-color:rgb(40, 138, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 138, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 138, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 138, 195);  
box-shadow:4px 4px 4px 4px rgb(40, 138,  
195) }
```

# Background

The CSS property to change the background color of an element to Android 4280847043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 138, 195) }
```

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

```
.background{ background-color: rgb(40, 138,  
195) }
```

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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