

# Converting Colors

Android(4280780993)

Have a look what the booklet for  
Android(4280780993) contains.

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# Color

**Android(4280780993)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2788C1
RGB	39, 136, 193
RGB Percent	15%, 53%, 76%
CMY	0.8471, 0.4667, 0.2431
CMYK	0.80, 0.30, 0.00, 0.24
HSL	202°, 66%, 45%
HSV	202°, 80%, 76%
XYZ	19.2665, 21.8899, 53.6618
YIQ	113.4950, -76.1090, -2.8370

# Conversions

## Conversions Part 2

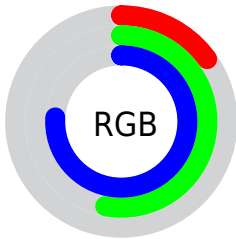
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 99, 193
Decimal	2590913
CIE <sub>Lab</sub>	53.91, -7.62, -37.44
CIE <sub>LCh</sub>	54, 38.212, 258.494
Yxy	21.8899, 0.2032, 0.2309
Android (android.graphics.Color)	4280780993 (0xFF2788C1)
YUV	113.4950, 39.1960, -65.3321
Hunter-Lab	46.7867, -8.3713, -35.2518

# Details

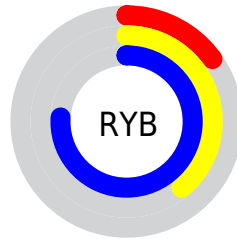
The Android color `4280780993` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark muted azure. A complement of this color would be `4290863143`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4285382138`, and `4278212491` is the 20% darker color. If you saturate the color by 10%, you get `4279534017`, and if you desaturate by 10%, it is `4282027969`.

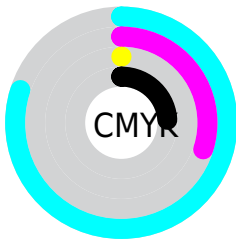
# Distribution



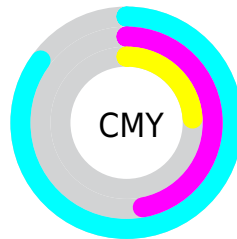
- Red (15%)
- Green (53%)
- Blue (76%)



- Red (15%)
- Yellow (39%)
- Blue (76%)



- Cyan (80%)
- Magenta (30%)
- Yellow (0%)
- Black (24%)



- Cyan (85%)
- Magenta (47%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280780993 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 4280780993 by changing the saturation by 10% instead.



 4280780993

 4280780993

4294967295

 4278218662

 4285382138

 4278212491

 4287355391

 4278206321

 4289328639

 4278200920

 4291231743

 4278195777

 4293263359

 4278190890

 4278190356

 4278190080

 4280780993

 4280780993

■ 4279534017

■ 4282027969

■ 4278221505

■ 4283340481

■ 4284587457

■ 4285834689

■ 4287147201

■ 4288394177

■ 4289641153

■ 4290888129

■ 4292200641

# Harmonies

## Analogous

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



4278226865



4280780993



4285562303

# Triad

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



4280780993



4290799470



4284190036

# Complementary

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



4280780993



4290863143

# 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.



4286678336



4280780993



4290146129

# Square

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



4280780993



4290275215



4288707391



4280652147

# Rectangle

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



4280780993



4287657397



4288707391



4285107020

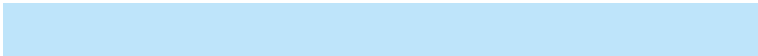


# Sweetspot

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



4280780993



4290700538



4280795487



4284051581



4294769916



4286414205



# Same Dimension

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



4280780993



4278886906



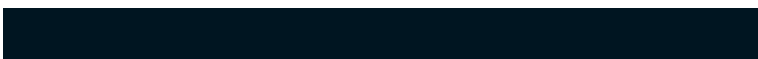
4280761537



4283915617



4278216097



4278195489



# Inverse Universe

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



4290848648



4294576801



4290882599



4284569437



4288741477



4280352789



# Previews

## White Background



This preview shows how the Android color 4280780993 looks on a white background.

## Color Contrast Check

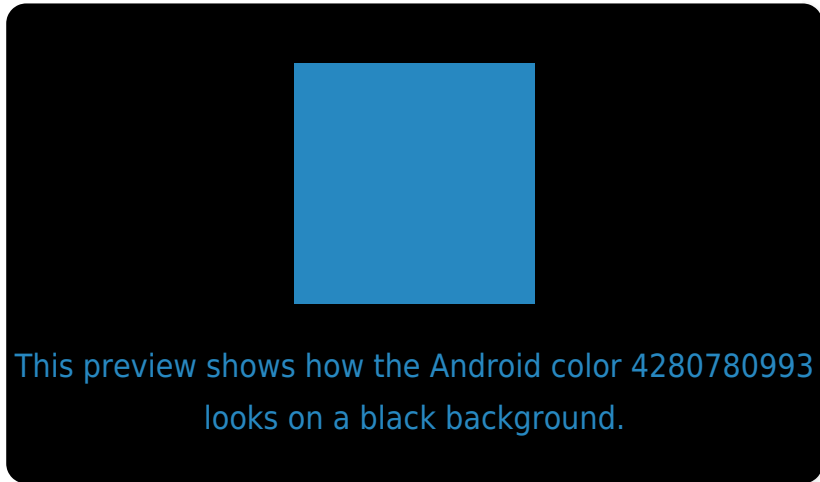
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280780993 Background



This preview shows how black text looks on a background with the Android color 4280780993.



This preview shows how white text looks on a background with the Android color 4280780993.

# 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**  
4280780993

**Protanomaly**  
4283728572

**Deuteranomaly**  
4283139010

**Tritanomaly**  
4279143592

# Monochromacy



**Original Color**  
4280780993

**Achromatopsia**  
4285624689

**Achromatomaly**  
4283857294

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280780993 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(39, 136, 193)` looks like.

```
.text, #text, p{  
    color:rgb(39, 136, 193)  
}
```

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(39, 136, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 136, 193) }
```

## Border

The CSS property to change the border of an element to Android 4280780993 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(39, 136, 193) }
```

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

```
.border{ border-color:rgb(39, 136, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 136, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 136, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 136, 193);  
box-shadow:4px 4px 4px 4px rgb(39, 136,  
193) }
```

# Background

The CSS property to change the background color of an element to Android 4280780993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 136, 193) }
```

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

```
.background{ background-color: rgb(39, 136,  
193) }
```

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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