

# Converting Colors

Android(4280581792)

Have a look what the booklet for  
Android(4280581792) contains.

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# Color

**Android(4280581792)**

# Conversions

## Conversions Part 1

Format	Color
Hex	247EA0
RGB	36, 126, 160
RGB Percent	14%, 49%, 63%
CMY	0.8588, 0.5059, 0.3725
CMYK	0.78, 0.21, 0.00, 0.37
HSL	196°, 63%, 38%
HSV	196°, 78%, 63%
XYZ	14.5336, 17.8348, 35.9342
YIQ	102.9660, -64.5540, -8.5060

# Conversions

## Conversions Part 2

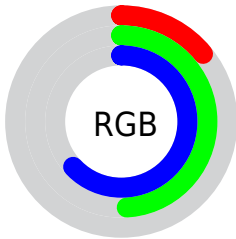
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 88, 160
Decimal	2391712
CIE <sub>Lab</sub>	49.30, -14.07, -25.63
CIE <sub>LCh</sub>	49, 29.243, 241.233
Yxy	17.8348, 0.2128, 0.2611
Android (android.graphics.Color)	4280581792 (0xFF247EA0)
YUV	102.9660, 28.1178, -58.7292
Hunter-Lab	42.2313, -12.4755, -20.8873

# Details

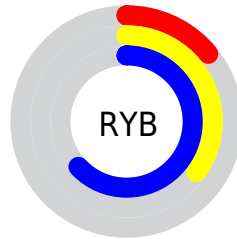
The Android color `4280581792` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4288693796`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4284789719`, and `4278209900` is the 20% darker color. If you saturate the color by 10%, you get `4279532192`, and if you desaturate by 10%, it is `4281631392`.

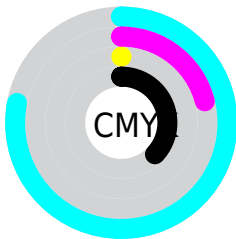
# Distribution



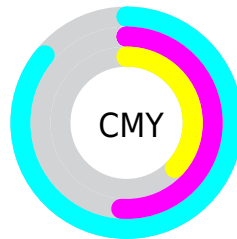
- Red (14%)
- Green (49%)
- Blue (63%)



- Red (14%)
- Yellow (35%)
- Blue (63%)



- Cyan (78%)
- Magenta (21%)
- Yellow (0%)
- Black (37%)



- Cyan (86%)
- Magenta (51%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280581792 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 4280581792 by changing the saturation by 10% instead.



 4280581792

 4280581792

4294967295

 4278216070

 4284789719

 4278209900

 4286697203

 4278203988

 4288604927

 4278198589

 4290510847

 4278190887

 4292476927

 4278190352

 4294377471

 4278190080

 4280581792

 4280581792

 4279532192

 4281631392

■ 4278482336

■ 4282681248

■ 4278219936

■ 4283730848

■ 4284780704

■ 4285830304

■ 4286879904

■ 4287929760

■ 4288979360

■ 4290028960

# Harmonies

## Analogous

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



4278223502



4280581792



4283594662

# Triad

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



4280581792



4288963189



4285168458

# Complementary

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



4280581792



4288693796

# 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.



4286870595



4280581792



4288963677

# Square

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



4280581792



4287981197



4288244554



4283269212

# Rectangle

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



4280581792



4285362595



4288244554



4285823302



# Sweetspot

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



4280581792



4288791761



4280590405



4283130217



4293454056



4285098345



# Same Dimension

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



4280581792



4279213265



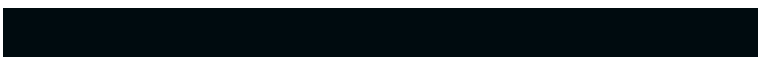
4280566176



4282862927



4278216847



4278192911



# Inverse Universe

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



4288685182



4291891100



4288709412



4283385677



4287561832



4279173131



# Previews

## White Background



This preview shows how the Android color 4280581792 looks on a white background.

## Color Contrast Check

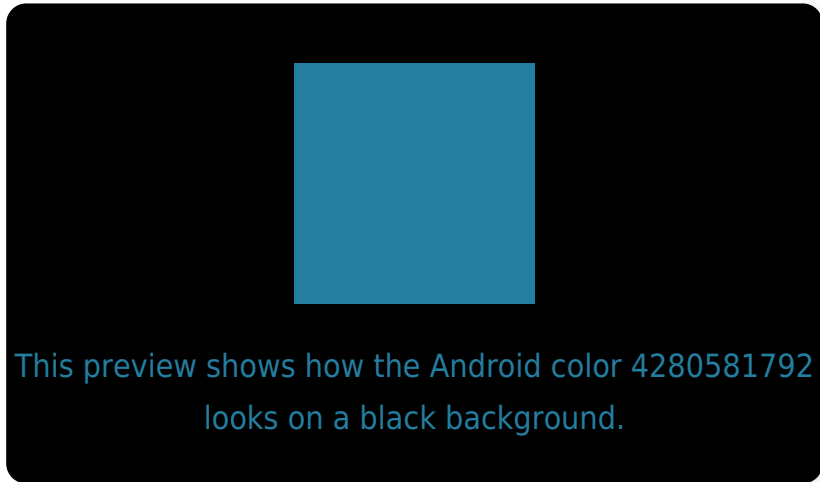
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280581792 Background



This preview shows how black text looks on a background with the Android color 4280581792.



This preview shows how white text looks on a background with the Android color 4280581792.

# 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**  
4280581792

**Protanomaly**  
4283529115

**Deuteranomaly**  
4283266977

**Tritanomaly**  
4279337363

# Monochromacy



**Original Color**  
4280581792

**Achromatopsia**  
4284966759

**Achromatomaly**  
4283395964

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280581792 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(36, 126, 160)` looks like.

```
.text, #text, p{  
    color:rgb(36, 126, 160)  
}
```

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(36, 126, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 126, 160) }
```

## Border

The CSS property to change the border of an element to Android 4280581792 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(36, 126, 160) }
```

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

```
.border{ border-color:rgb(36, 126, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 126, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 126, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 126, 160);  
box-shadow:4px 4px 4px 4px rgb(36, 126,  
160) }
```

# Background

The CSS property to change the background color of an element to Android 4280581792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 126, 160) }
```

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

```
.background{ background-color: rgb(36, 126,  
160) }
```

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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