

# Converting Colors

Android(4280371128)

Have a look what the booklet for  
Android(4280371128) contains.

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# Color

**Android(4280371128)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2147B8
RGB	33, 71, 184
RGB Percent	13%, 28%, 72%
CMY	0.8706, 0.7216, 0.2784
CMYK	0.82, 0.61, 0.00, 0.28
HSL	225°, 70%, 43%
HSV	225°, 82%, 72%
XYZ	11.5322, 8.2905, 46.3398
YIQ	72.5200, -58.9210, 27.0870

# Conversions

## Conversions Part 2

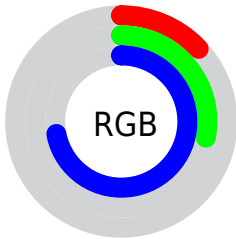
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 63, 184
Decimal	2181048
CIE <sub>Lab</sub>	34.58, 29.51, -63.23
CIE <sub>LCh</sub>	35, 69.778, 295.018
Yxy	8.2905, 0.1743, 0.1253
Android (android.graphics.Color)	4280371128 (0xFF2147B8)
YUV	72.5200, 54.9596, -34.6590
Hunter-Lab	28.7932, 21.1041, -75.2660

# Details

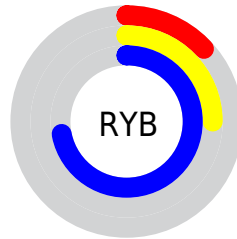
The Android color `4280371128` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4290286113`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4285102065`, and `4278197634` is the 20% darker color. If you saturate the color by 10%, you get `4279187896`, and if you desaturate by 10%, it is `4281554360`.

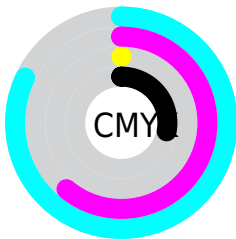
# Distribution



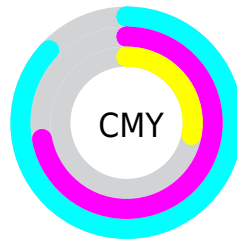
- Red (13%)
- Green (28%)
- Blue (72%)



- Red (13%)
- Yellow (25%)
- Blue (72%)



- Cyan (82%)
- Magenta (61%)
- Yellow (0%)
- Black (28%)



- Cyan (87%)
- Magenta (72%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280371128 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 4280371128 by changing the saturation by 10% instead.



 4280371128

 4280371128

4294967295

 4278202781

 4285102065

 4278197634

 4287074815

 4278192488

 4289047551

 4278191439

 4291020543

 4278191415

 4292993791

 4278190625

 4278190085

 4278190080

 4280371128

 4280371128

■ 4279187896

■ 4281554360

■ 4278202040

■ 4282803128

■ 4283986104

■ 4285234872

■ 4286418104

■ 4287601336

■ 4288849848

■ 4290033080

■ 4291281848

# Harmonies

## Analogous

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



4278213826



4280371128



4287111058

# Triad

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



4280371128



4287901696



4278216518

# Complementary

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



4280371128



4290286113

# 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.



4278215424



4280371128



4285287424

# Square

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



4280371128



4289396775



4281818112



4278216831

# Rectangle

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



4280371128



4288872560



4281818112



4278216242



# Sweetspot

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



4280371128



4290036720



4280400016



4283719032



4294440951



4286085240



# Same Dimension

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



4280371128



4278534384



4282655160



4283651420



4278200220



4278191900



# Inverse Universe

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



4290257223



4293920064



4288002081



4284240725



4288413735



4280025095



# Previews

## White Background



This preview shows how the Android color 4280371128 looks on a white background.

## Color Contrast Check

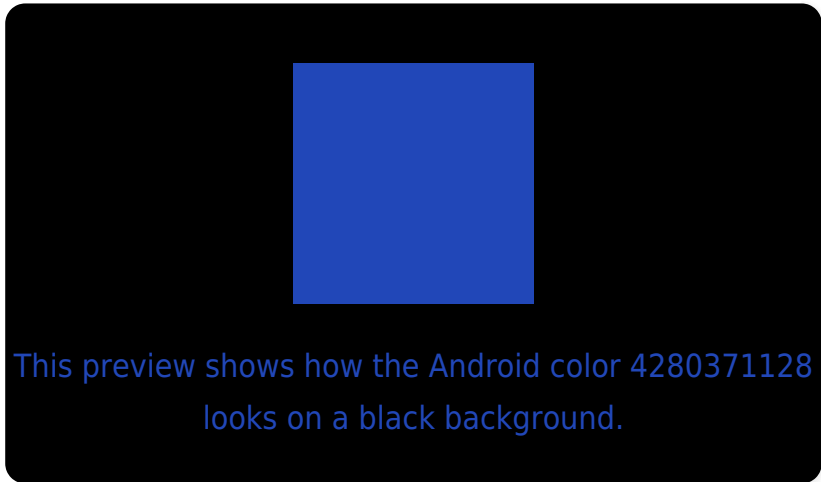
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280371128 Background



This preview shows how black text looks on a background with the Android color 4280371128.



This preview shows how white text looks on a background with the Android color 4280371128.

# 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**

4280371128

**Protanopia**

4278210213

**Deuteranopia**

4278211470



# Trichromacy



**Original Color**  
4280371128

**Protanomaly**  
4278995884

**Deuteranomaly**  
4278996893

**Tritanomaly**  
4278997888

# Monochromacy



**Original Color**  
4280371128

**Achromatopsia**  
4282992969

**Achromatomaly**  
4282009713

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280371128 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(33, 71, 184)` looks like.

```
.text, #text, p{  
    color:rgb(33, 71, 184)  
}
```

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(33, 71, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 71, 184) }
```

## Border

The CSS property to change the border of an element to Android 4280371128 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(33, 71, 184) }
```

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

```
.border{ border-color:rgb(33, 71, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 71, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 71, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 71, 184);  
box-shadow:4px 4px 4px 4px rgb(33, 71,  
184) }
```

# Background

The CSS property to change the background color of an element to Android 4280371128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 71, 184) }
```

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

```
.background{ background-color: rgb(33, 71,  
184) }
```

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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