

# Converting Colors

Android(4280371108)

Have a look what the booklet for  
Android(4280371108) contains.

<b>Android(4280371108)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4280371108)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2147A4
RGB	33, 71, 164
RGB Percent	13%, 28%, 64%
CMY	0.8706, 0.7216, 0.3569
CMYK	0.80, 0.57, 0.00, 0.36
HSL	223°, 66%, 39%
HSV	223°, 80%, 64%
XYZ	9.5813, 7.5101, 36.0666
YIQ	70.2400, -52.5010, 20.8670

# Conversions

## Conversions Part 2

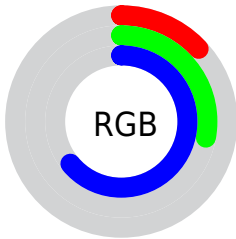
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 62, 164
Decimal	2181028
CIE <sub>Lab</sub>	32.94, 21.75, -54.00
CIE <sub>LCh</sub>	33, 58.215, 291.936
Yxy	7.5101, 0.1802, 0.1413
Android (android.graphics.Color)	4280371108 (0xFF2147A4)
YUV	70.2400, 46.2237, -32.6595
Hunter-Lab	27.4046, 14.4495, -58.8468

# Details

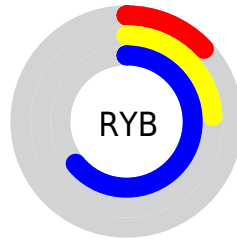
The Android color **4280371108** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4288970273**, and the grayscale version is **4282795590**.

A 20% lighter version of the original color is **4284708828**, and **4278197615** is the 20% darker color. If you saturate the color by 10%, you get **4279319460**, and if you desaturate by 10%, it is **4281422756**.

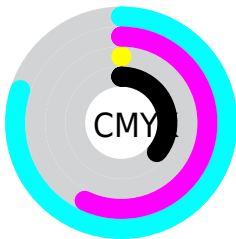
# Distribution



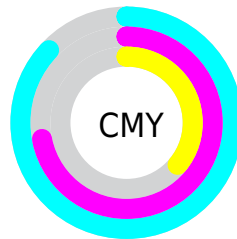
- Red (13%)
- Green (28%)
- Blue (64%)



- Red (13%)
- Yellow (24%)
- Blue (64%)



- Cyan (80%)
- Magenta (57%)
- Yellow (0%)
- Black (36%)



- Cyan (87%)
- Magenta (72%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280371108 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 4280371108 by changing the saturation by 10% instead.



 4280371108

 4280371108

4294967295

 4278202761

 4284708828

 4278197615

 4286681337

 4278191446

 4288588799

 4278191678

 4290496255

 4278190887

 4292403967

 4278190353

 4294377471

 4278190080

 4280371108

 4280371108

 4279319460

 4281422756

■ 4278202532

■ 4282539684

■ 4283591332

■ 4284708516

■ 4285759908

■ 4286811556

■ 4287928484

■ 4288980132

■ 4290097316

# Harmonies

## Analogous

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



4278212522



4280371108



4286000519

# Triad

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



4280371108



4287181056



4278214719

# Complementary

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



4280371108



4288970273

# 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.



4278213898



4280371108



4285155072

# Square

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



4280371108



4288352303



4282340608



4278215023

# Rectangle

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



4280371108



4287633003



4282340608



4278214447



# Sweetspot

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



4280371108



4288918230



4280394877



4283192683



4293651435



4285229931



# Same Dimension

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



4280371108



4278797526



4282065316



4282993746



4278200977



4278191378



# Inverse Universe

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



4288946503



4292217156



4287276065



4283582796



4287692842



4279369733



# Previews

## White Background



This preview shows how the Android color 4280371108 looks on a white background.

## Color Contrast Check

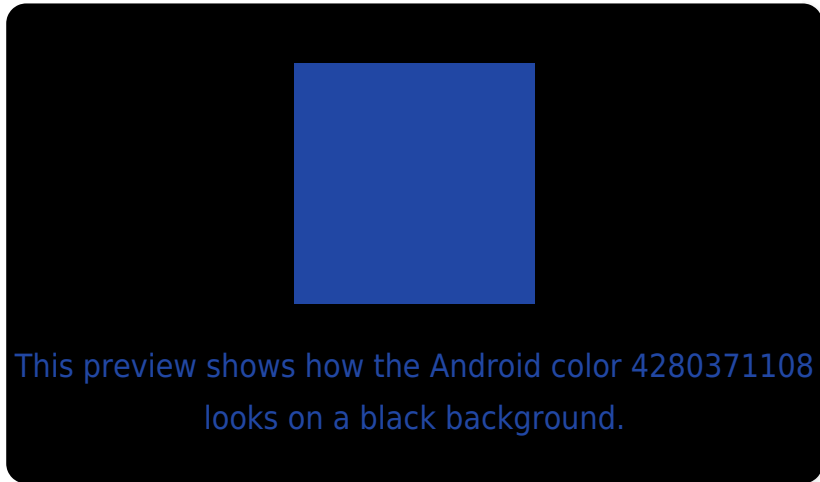
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280371108 Background



This preview shows how black text looks on a background with the Android color 4280371108.



This preview shows how white text looks on a background with the Android color 4280371108.

# 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**

4280371108

**Protanopia**

4278209182

**Deuteranopia**

4278210440



# Trichromacy



**Original Color**  
4280371108

**Protanomaly**  
4278995360

**Deuteranomaly**  
4278996114

**Tritanomaly**  
4278997366

# Monochromacy



**Original Color**  
4280371108

**Achromatopsia**  
4282795590

**Achromatomaly**  
4281943656

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280371108 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(33, 71, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 71, 164) }
```

## Border

The CSS property to change the border of an element to Android 4280371108 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, 164) }
```

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

```
.border{ border-color:rgb(33, 71, 164) }
```

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, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 71, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 71, 164);  
box-shadow:4px 4px 4px 4px rgb(33, 71,  
164) }
```

# Background

The CSS property to change the background color of an element to Android 4280371108 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, 164) }
```

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

```
.background{ background-color: rgb(33, 71,  
164) }
```

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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