

# Converting Colors

Android(4282415837)

Have a look what the booklet for  
Android(4282415837) contains.

<b>Android(4282415837)</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> .....	28

# Color

**Android(4282415837)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	407ADD
RGB	64, 122, 221
RGB Percent	25%, 48%, 87%
CMY	0.7490, 0.5216, 0.1333
CMYK	0.71, 0.45, 0.00, 0.13
HSL	218°, 70%, 56%
HSV	218°, 71%, 87%
XYZ	22.1250, 20.2295, 71.1452
YIQ	115.9440, -66.3470, 18.4930

# Conversions

## Conversions Part 2

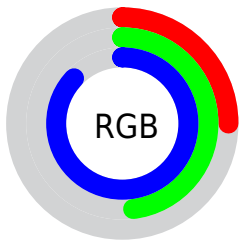
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	64, 106, 221
Decimal	4225757
CIE Lab	52.10, 14.06, -56.14
CIE LCh	52, 57.877, 284.059
Yxy	20.2295, 0.1949, 0.1782
Android (android.graphics.Color)	4282415837 (0xFF407ADD)
YUV	115.9440, 51.7926, -45.5549
Hunter-Lab	44.9772, 9.0969, -62.3011

# Details

The Android color `4282415837` is a dark color, and the websafe version is hex `3366CC`. The color can be described as middle muted azure. A complement of this color would be `4292715328`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4286689023`, and `4278209189` is the 20% darker color. If you saturate the color by 10%, you get `4280970461`, and if you desaturate by 10%, it is `4283861213`.

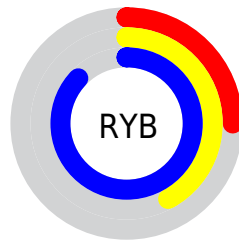
# Distribution



Red (25%)

Green (48%)

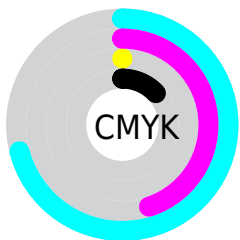
Blue (87%)



Red (25%)

Yellow (42%)

Blue (87%)

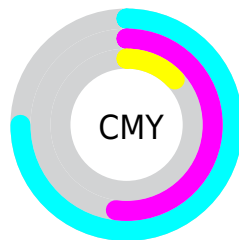


Cyan (71%)

Magenta (45%)

Yellow (0%)

Black (13%)



Cyan (75%)

Magenta (52%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282415837 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 4282415837 by changing the saturation by 10% instead.





4282415837



4282415837

4294967295



4279001793



4286689023



4278209189



4288727551



4278203530



4290700799



4278198640



4292673535



4278192471



4294639615



4278191679



4278190888



4278190354



4278190080

■ 4282415837

■ 4282415837

■ 4280970461

■ 4283861213

■ 4279525085

■ 4285306589

■ 4278211293

■ 4286751965

■ 4288197341

■ 4289708253

■ 4291153629

■ 4292599005

■ 4294044125

■ 4294965213

# Harmonies

## Analogous

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



4278225372



4282415837



4288439492

# Triad

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



4282415837



4291386169



4278227551

# Complementary

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



4282415837



4292715328

# 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.



4282747951



4282415837



4289359888

# Square

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



4282415837



4292168551



4286546179



4278227859

# Rectangle

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



4282415837



4290598313



4286546179



4278227022



# Sweetspot

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



4282415837



4291419647



4282441121



4284509056



4278190080



4286611584



# Same Dimension

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



4282415837



4280710911



4283580637



4284704622



4278206637



4278194478



# Inverse Universe

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



4292690042



4294911606



4291550528



4285424487



4289527872



4281204753



# Previews

## White Background



This preview shows how the Android color 4282415837 looks on a white background.

## Color Contrast Check

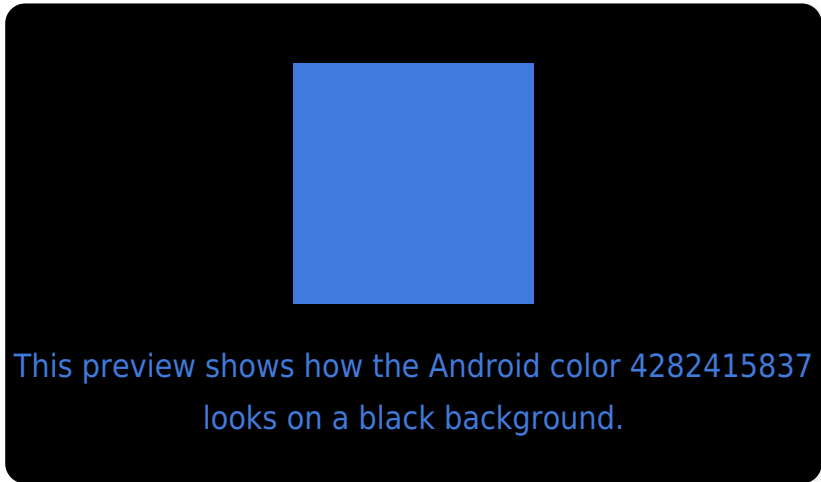
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282415837 Background



This preview shows how black text looks on a background with the Android color 4282415837.



This preview shows how white text looks on a background with the Android color 4282415837.

# 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**  
4282415837

**Protanomaly**  
4282939868

**Deuteranomaly**  
4281040092

# Monochromacy



**Original Color**  
4282415837

**Achromatopsia**  
4285822068

**Achromatomaly**  
4284577434

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282415837 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(64, 122, 221)` looks like.

```
.text, #text, p{  
    color:rgb(64, 122, 221)  
}
```

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(64, 122, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 122, 221) }
```

## Border

The CSS property to change the border of an element to Android 4282415837 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(64, 122, 221) }
```

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

```
.border{ border-color:rgb(64, 122, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 122, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 122, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 122, 221);  
box-shadow:4px 4px 4px 4px rgb(64, 122,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4282415837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 122, 221) }
```

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

```
.background{ background-color: rgb(64, 122,  
221) }
```

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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