

# Converting Colors

Android(4282149571)

Have a look what the booklet for  
Android(4282149571) contains.

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# Color

**Android(4282149571)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C6AC3
RGB	60, 106, 195
RGB Percent	24%, 42%, 76%
CMY	0.7647, 0.5843, 0.2353
CMYK	0.69, 0.46, 0.00, 0.24
HSL	220°, 53%, 50%
HSV	220°, 69%, 76%
XYZ	16.8678, 15.2089, 53.6763
YIQ	102.3920, -55.9850, 17.9270

# Conversions

## Conversions Part 2

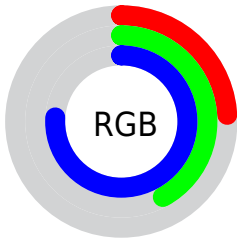
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 94, 195
Decimal	3959491
CIELab	45.92, 14.09, -51.24
CIELCh	46, 53.138, 285.375
Yxy	15.2089, 0.1967, 0.1774
Android (android.graphics.Color)	4282149571 (0xFF3C6AC3)
YUV	102.3920, 45.6557, -37.1778
Hunter-Lab	38.9985, 8.9583, -54.3059

# Details

The Android color `4282149571` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted azure. A complement of this color would be `4291007804`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4286225916`, and `4278205581` is the 20% darker color. If you saturate the color by 10%, you get `4280901059`, and if you desaturate by 10%, it is `4283463619`.

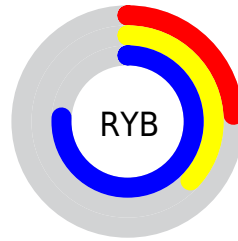
# Distribution



Red (24%)

Green (42%)

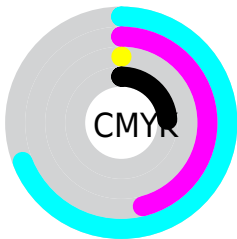
Blue (76%)



Red (24%)

Yellow (37%)

Blue (76%)

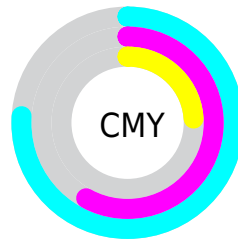


Cyan (69%)

Magenta (46%)

Yellow (0%)

Black (24%)



Cyan (76%)

Magenta (58%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282149571 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 4282149571 by changing the saturation by 10% instead.





4282149571



4282149571

4294967295



4279194279



4286225916



4278205581



4288133375



4278200179



4290106367



4278195289



4292014079



4278191937



4293984255



4278190890



4278190356



4278190080



4282149571



4282149571

■ 4280901059

■ 4283463619

■ 4279587011

■ 4284712131

■ 4278338499

■ 4286026179

■ 4278207171

■ 4287274435

■ 4288588483

■ 4289836995

■ 4291151043

■ 4292399555

■ 4293713603

# Harmonies

## Analogous

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



4278220995



4282149571



4287387308

# Triad

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



4282149571



4289810479



4278222933

# Complementary

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



4282149571



4291007804

# 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.



4281891625



4282149571



4287914761

# Square

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



4282149571



4290527576



4285362689



4278223235

# Rectangle

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



4282149571



4289218963



4285362689



4278222662



# Sweetspot

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



4282149571



4291287548



4282172308



4284508800



4278190080



4286611584



# Same Dimension

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



4282149571



4281037564



4283448515



4283915105



4278204321



4278192929



# Inverse Universe

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



4290985066



4294716274



4289708860



4284569435



4288741431

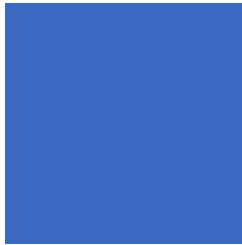


4280352779



# Previews

## White Background



This preview shows how the Android color 4282149571 looks on a white background.

## Color Contrast Check

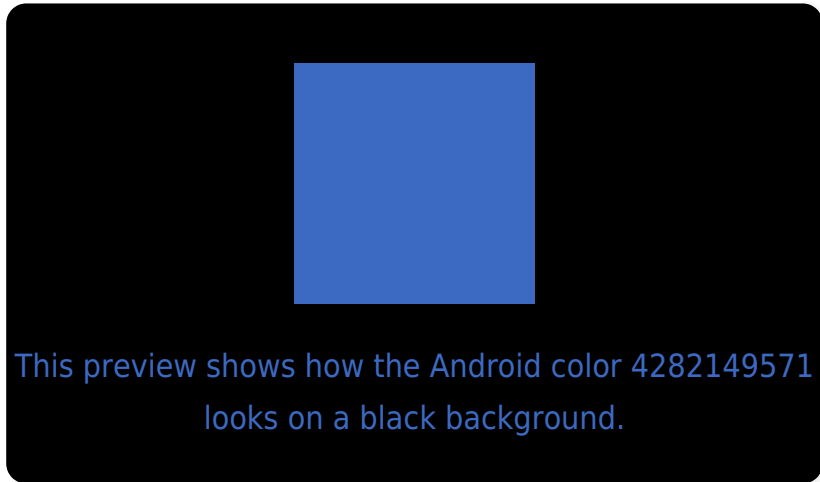
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 4282149571 Background



This preview shows how black text looks on a background with the Android color 4282149571.



This preview shows how white text looks on a background with the Android color 4282149571.

# 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**  
4282149571

**Protanopia**  
4282476994

**Deuteranopia**  
4279594690



# Trichromacy



**Original Color**  
4282149571

**Protanomaly**  
4282345922

**Deuteranomaly**  
4280511938

**Tritanomaly**  
4279661466

# Monochromacy



**Original Color**  
4282149571

**Achromatopsia**  
4284900966

**Achromatomaly**  
4283918216

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282149571 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(60, 106, 195)` looks like.

```
.text, #text, p{  
    color:rgb(60, 106, 195)  
}
```

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(60, 106, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 106, 195) }
```

## Border

The CSS property to change the border of an element to Android 4282149571 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(60, 106, 195) }
```

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

```
.border{ border-color:rgb(60, 106, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 106, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 106, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 106, 195);  
box-shadow:4px 4px 4px 4px rgb(60, 106,  
195) }
```

# Background

The CSS property to change the background color of an element to Android 4282149571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 106, 195) }
```

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

```
.background{ background-color: rgb(60, 106,  
195) }
```

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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