

# Converting Colors

Android(4283189739)

Have a look what the booklet for  
Android(4283189739) contains.

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# Color

**Android(4283189739)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C49EB
RGB	76, 73, 235
RGB Percent	30%, 29%, 92%
CMY	0.7020, 0.7137, 0.0784
CMYK	0.68, 0.69, 0.00, 0.08
HSL	241°, 80%, 60%
HSV	241°, 69%, 92%
XYZ	20.3584, 12.2997, 79.8983
YIQ	92.3650, -50.2140, 51.0180

# Conversions

## Conversions Part 2

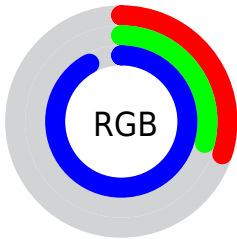
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	76, 73, 235
Decimal	4999659
CIE Lab	41.69, 50.50, -80.93
CIE LCh	42, 95.396, 301.965
Yxy	12.2997, 0.1809, 0.1093
Android (android.graphics.Color)	4283189739 (0xFF4C49EB)
YUV	92.3650, 70.3191, -14.3521
Hunter-Lab	35.0710, 42.2436, -110.5241

# Details

The Android color `4283189739` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark muted blue. A complement of this color would be `4293454665`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4287593471`, and `4278197170` is the 20% darker color. If you saturate the color by 10%, you get `4281676523`, and if you desaturate by 10%, it is `4284703211`.

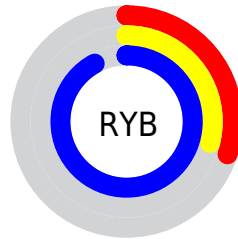
# Distribution



Red (30%)

Green (29%)

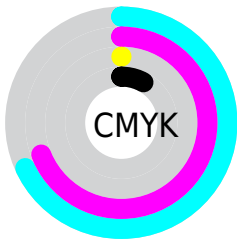
Blue (92%)



Red (30%)

Yellow (29%)

Blue (92%)

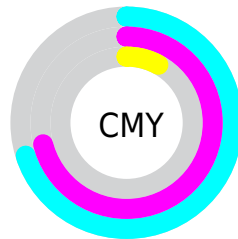


Cyan (68%)

Magenta (69%)

Yellow (0%)

Black (8%)



Cyan (70%)

Magenta (71%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283189739 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 4283189739 by changing the saturation by 10% instead.



 4283189739

 4283189739

4294967295

 4280103374

 4287593471

 4278197170

 4289631743

 4278191510

 4291670271

 4278190203

 4293774591

 4278191201

 4294961407

 4278192200

 4278191153

 4278190363

 4278190080

■ 4283189739

■ 4283189739

■ 4281676523

■ 4284703211

■ 4280163051

■ 4286216427

■ 4278649579

■ 4287729643

■ 4278452459

■ 4289243115

■ 4290756587

■ 4292269803

■ 4293783275

■ 4294967275

# Harmonies

## Analogous

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



4278218495



4283189739



4290642094

# Triad

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



4283189739



4289739776



4278222438

# Complementary

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



4283189739



4293454665

# 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.



4278221569



4283189739



4285817344

# Square

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



4283189739



4292345876



4278809600



4278223029

# Rectangle

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



4283189739



4292542587



4278809600



4278222410



# Sweetspot

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



4283189739



4291480063



4283033835



4284506240



4278190080



4286611584



# Same Dimension

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



4283189739



4281281535



4288498155



4285164149



4278386869



4278255670



# Inverse Universe

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



4293609960



4294913019



4288146249



4285885045



4290052274

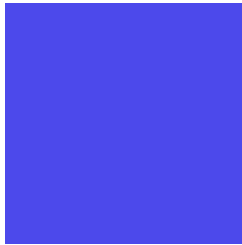


4281729077



# Previews

## White Background



This preview shows how the Android color 4283189739 looks on a white background.

## Color Contrast Check

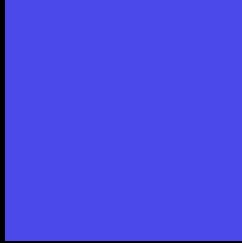
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4283189739 looks on a 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 4283189739 Background



This preview shows how black text looks on a background with the Android color 4283189739.

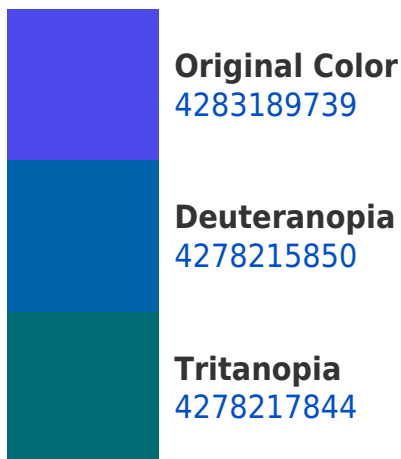


This preview shows how white text looks on a background with the Android color 4283189739.

# 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**  
4283189739

**Deuteranomaly**  
4280048322

**Tritanomaly**  
4280049567

# Monochromacy



**Original Color**  
4283189739

**Achromatopsia**  
4284243036

**Achromatomaly**  
4283848080

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283189739 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(76, 73, 235)` looks like.

```
.text, #text, p{  
    color:rgb(76, 73, 235)  
}
```

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(76, 73, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 73, 235) }
```

## Border

The CSS property to change the border of an element to Android 4283189739 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(76, 73, 235) }
```

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

```
.border{ border-color:rgb(76, 73, 235) }
```

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

Here you see how a box with a 4 pixel rgb(76, 73, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 73, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 73, 235);  
box-shadow:4px 4px 4px 4px rgb(76, 73,  
235) }
```

# Background

The CSS property to change the background color of an element to Android 4283189739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 73, 235) }
```

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

```
.background{ background-color: rgb(76, 73,  
235) }
```

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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