

# Converting Colors

Android(4278864351)

Have a look what the booklet for  
Android(4278864351) contains.

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# Color

**Android(4278864351)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 0A49DF                     |
| RGB           | 10, 73, 223                |
| RGB Percent   | 4%, 29%, 87%               |
| CMY           | 0.9608, 0.7137, 0.1255     |
| CMYK          | 0.96, 0.67, 0.00, 0.13     |
| HSL           | 222°, 91%, 46%             |
| HSV           | 222°, 96%, 87%             |
| XYZ           | 15.8270, 10.1573, 70.9384  |
| YIQ           | 71.2630, -85.6980, 33.2940 |

# Conversions

## Conversions Part 2

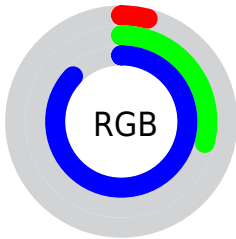
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 10, 59, 223                    |
| Decimal                             | 674271                         |
| CIELab                              | 38.12, 41.79, -80.07           |
| CIELCh                              | 38, 90.315, 297.561            |
| Yxy                                 | 10.1573, 0.1633,<br>0.1048     |
| Android<br>(android.graphics.Color) | 4278864351<br>(0xFF0A49DF)     |
| YUV                                 | 71.2630, 74.8063,<br>-53.7277  |
| Hunter-Lab                          | 31.8706, 32.8700,<br>-109.6600 |

# Details

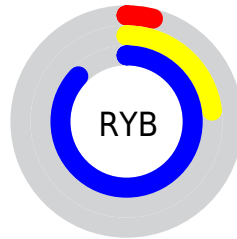
The Android color `4278864351` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4292845578`, and the grayscale version is `4282861383`.

A 20% lighter version of the original color is `4285364735`, and `4278197926` is the 20% darker color. If you saturate the color by 10%, you get `4278207199`, and if you desaturate by 10%, it is `4280310239`.

# Distribution



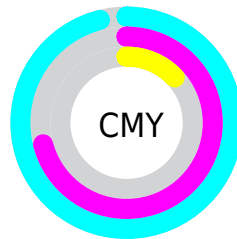
- Red (4%)
- Green (29%)
- Blue (87%)



- Red (4%)
- Yellow (23%)
- Blue (87%)



- Cyan (96%)
- Magenta (67%)
- Yellow (0%)
- Black (13%)



- Cyan (96%)
- Magenta (71%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278864351 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 4278864351 by changing the saturation by 10% instead.



 4278864351

 4278864351

4294967295

 4278203330

 4285364735

 4278197926

 4287534079

 4278193803

 4289638143

 4278190193

 4291676671

 4278193239

 4293715455

 4278191679

 4278190888

 4278190353

 4278190080

■ 4278864351

■ 4278864351

■ 4278207199

■ 4280310239

■ 4281821407

■ 4283267295

■ 4284713183

■ 4286224607

■ 4287670239

■ 4289116127

■ 4290562015

■ 4292073183

# Harmonies

## Analogous

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



4278216688



4278864351



4289069226

# Triad

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



4278864351



4289277184



4278219602

# Complementary

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



4278864351



4292845578

# 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.



4278218752



4278864351



4285748736

# Square

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



4278864351



4291428381



4280510464



4278220189

# Rectangle

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



4278864351



4291166331



4280510464



4278219575



# Sweetspot

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



4278864351



4290104319



4278902687



4283654272



4278190080



4286611584



# Same Dimension

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



4278864351



4278209535



4281666271



4284835952



4278203568



4278193712



# Inverse Universe

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



4292807241



4294901835



4290043658



4285556072



4289724468



4281335822



# Previews

## White Background



This preview shows how the Android color 4278864351 looks on a white background.

## Color Contrast Check

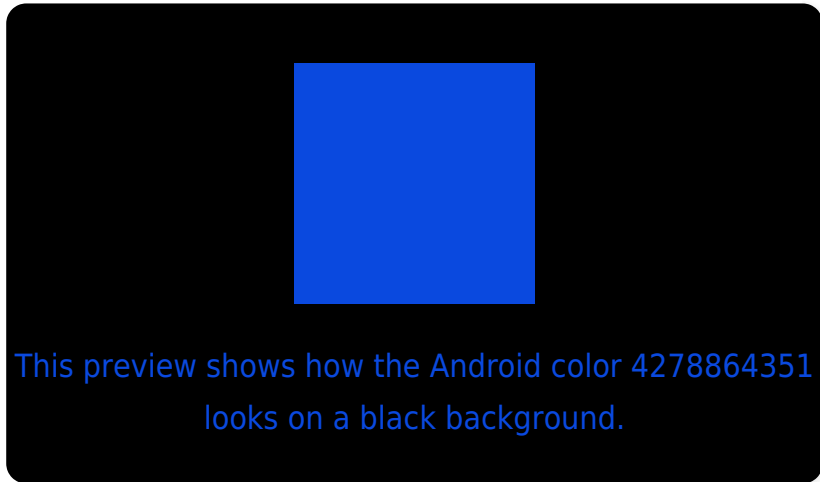
Large Text (above 18pt) WCAG AA ✓ Pass

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

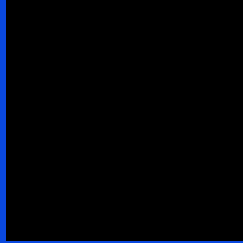
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278864351 Background



This preview shows how black text looks on a background with the Android color 4278864351.



This preview shows how white text looks on a background with the Android color 4278864351.

# 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**

4278864351

**Protanopia**

4278212277

**Deuteranopia**

4278213787



# Trichromacy



**Original Color**  
4278864351

**Protanomaly**  
4278473156

**Deuteranomaly**  
4278474164

**Tritanomaly**  
4278475411

# Monochromacy



**Original Color**  
4278864351

**Achromatopsia**  
4282861383

**Achromatomaly**  
4281419902

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278864351 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(10, 73, 223)` looks like.

```
.text, #text, p{  
    color:rgb(10, 73, 223)  
}
```

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(10, 73, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 73, 223) }
```

## Border

The CSS property to change the border of an element to Android 4278864351 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(10, 73, 223) }
```

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

```
.border{ border-color:rgb(10, 73, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 73, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(10, 73, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(10, 73, 223); box-shadow:4px 4px 4px 4px rgb(10, 73, 223) }
```

# Background

The CSS property to change the background color of an element to Android 4278864351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 73, 223) }
```

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

```
.background{ background-color: rgb(10, 73,  
223) }
```

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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