

# Converting Colors

Android(4282859202)

Have a look what the booklet for  
Android(4282859202) contains.

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# Color

**Android(4282859202)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	473EC2
RGB	71, 62, 194
RGB Percent	28%, 24%, 76%
CMY	0.7216, 0.7569, 0.2392
CMYK	0.63, 0.68, 0.00, 0.24
HSL	244°, 52%, 50%
HSV	244°, 68%, 76%
XYZ	14.0588, 8.6799, 51.9733
YIQ	79.7390, -37.0080, 42.9600

# Conversions

## Conversions Part 2

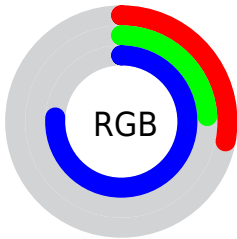
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 62, 194
Decimal	4669122
CIE <sub>Lab</sub>	35.36, 43.05, -67.75
CIE <sub>LCh</sub>	35, 80.270, 302.430
Yxy	8.6799, 0.1882, 0.1162
Android (android.graphics.Color)	4282859202 (0xFF473EC2)
YUV	79.7390, 56.3307, -7.6641
Hunter-Lab	29.4616, 33.6203, -83.9705

# Details

The Android color `4282859202` 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 `4290363966`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4286935036`, and `4278194571` is the 20% darker color. If you saturate the color by 10%, you get `4281674690`, and if you desaturate by 10%, it is `4284043714`.

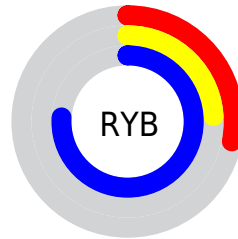
# Distribution



Red (28%)

Green (24%)

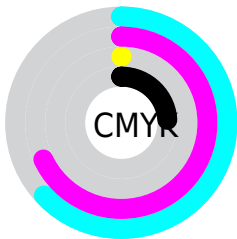
Blue (76%)



Red (28%)

Yellow (24%)

Blue (76%)

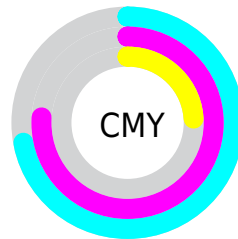


Cyan (63%)

Magenta (68%)

Yellow (0%)

Black (24%)



Cyan (72%)

Magenta (76%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282859202 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 4282859202 by changing the saturation by 10% instead.





4282859202



4282859202

4294967295



4280362918



4286935036



4278194571



4288842239



4278190193



4290814975



4278190167



4292787967



4278191679



4294761215



4278190888



4294965247



4278190354



4278190080



4282859202



4282859202

■ 4281674690

■ 4284043714

■ 4280489922

■ 4285228482

■ 4279305410

■ 4286412994

■ 4279042242

■ 4287597762

■ 4288782274

■ 4289966786

■ 4291217090

■ 4292401602

■ 4293586370

# Harmonies

## Analogous

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



4278213847



4282859202



4288610448

# Triad

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



4282859202



4287837440



4278217559

# Complementary

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



4282859202



4290363966

# 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.



4278216715



4282859202



4284633856

# Square

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



4282859202



4289986578



4279460352



4278217879

# Rectangle

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



4282859202



4290183270



4279460352



4278217280



# Sweetspot

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



4282859202



4291676924



4282300866



4284703104



4278190080



4286611584



# Same Dimension

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



4282859202



4282134012



4287184578



4283979617



4278911137



4278321185



# Inverse Universe

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



4290920121



4294716910



4286038590



4284569440



4288741526

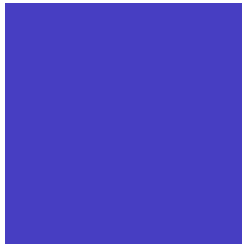


4280352799



# Previews

## White Background



This preview shows how the Android color 4282859202 looks on a white background.

## Color Contrast Check

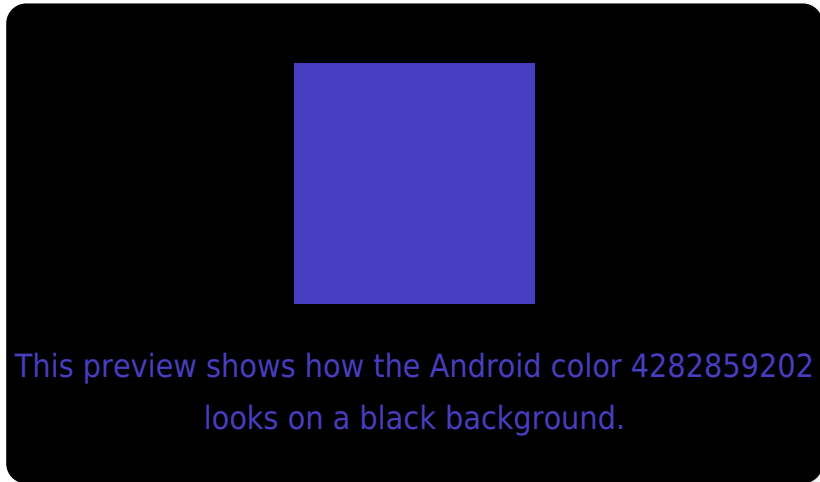
Large Text (above 18pt) WCAG AA ✓ Pass

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

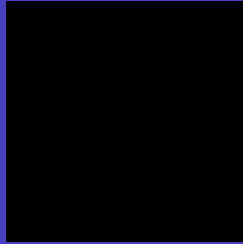
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282859202 Background



This preview shows how black text looks on a background with the Android color 4282859202.



This preview shows how white text looks on a background with the Android color 4282859202.

# 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**

4282859202

**Protanopia**

4278210729

**Deuteranopia**

4278211985

# Trichromacy



**Original Color**  
4282859202

**Protanomaly**  
4279912882

**Deuteranomaly**  
4279913891

# Monochromacy



**Original Color**  
4282859202

**Achromatopsia**  
4283453520

**Achromatomaly**  
4283255161

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282859202 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(71, 62, 194)` looks like.

```
.text, #text, p{  
    color:rgb(71, 62, 194)  
}
```

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(71, 62, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 62, 194) }
```

## Border

The CSS property to change the border of an element to Android 4282859202 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(71, 62, 194) }
```

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

```
.border{ border-color:rgb(71, 62, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 62, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 62, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 62, 194);  
box-shadow:4px 4px 4px 4px rgb(71, 62,  
194) }
```

# Background

The CSS property to change the background color of an element to Android 4282859202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 62, 194) }
```

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

```
.background{ background-color: rgb(71, 62,  
194) }
```

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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