

# Converting Colors

Android(4282472382)

Have a look what the booklet for  
Android(4282472382) contains.

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# Color

**Android(4282472382)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4157BE
RGB	65, 87, 190
RGB Percent	25%, 34%, 75%
CMY	0.7451, 0.6588, 0.2549
CMYK	0.66, 0.54, 0.00, 0.25
HSL	229°, 49%, 50%
HSV	229°, 66%, 75%
XYZ	14.8824, 11.6579, 50.1810
YIQ	92.1640, -46.1750, 27.3690

# Conversions

## Conversions Part 2

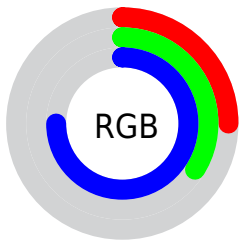
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	65, 84, 190
Decimal	4282302
CIE <sub>Lab</sub>	40.67, 25.24, -56.78
CIE <sub>LCh</sub>	41, 62.140, 293.963
Yxy	11.6579, 0.1940, 0.1520
Android (android.graphics.Color)	4282472382 (0xFF4157BE)
YUV	92.1640, 48.2331, -23.8228
Hunter-Lab	34.1437, 18.0525, -63.2380

# Details

The Android color `4282472382` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4290684993`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4286482679`, and `4278200968` is the 20% darker color. If you saturate the color by 10%, you get `4281223102`, and if you desaturate by 10%, it is `4283721662`.

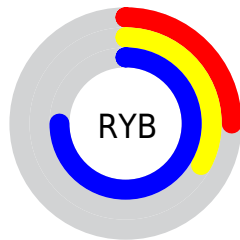
# Distribution



Red (25%)

Green (34%)

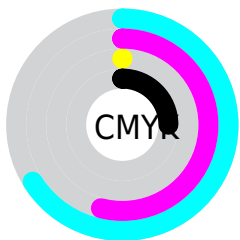
Blue (75%)



Red (25%)

Yellow (33%)

Blue (75%)

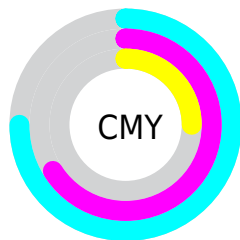


Cyan (66%)

Magenta (54%)

Yellow (0%)

Black (25%)



Cyan (75%)

Magenta (66%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282472382 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 4282472382 by changing the saturation by 10% instead.



 4282472382

 4282472382

4294967295

 4279910562

 4286482679

 4278200968

 4288390143

 4278196078

 4290297599

 4278190165

 4292270591

 4278191676

 4294244095

 4278190630

 4278190351

 4278190080

 4282472382

 4282472382

■ 4281223102

■ 4283721662

■ 4279974078

■ 4284970686

■ 4278724798

■ 4286219966

■ 4278198718

■ 4287469246

■ 4288718270

■ 4289967550

■ 4291216830

■ 4292465854

■ 4293715134

# Harmonies

## Analogous

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



4278217158



4282472382



4287773597

# Triad

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



4282472382



4288824067



4278220116

# Complementary

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



4282472382



4290684993

# 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.



4278219037



4282472382



4286405120

# Square

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



4282472382



4290127674



4283263232



4278220424

# Rectangle

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



4282472382



4289472381



4283263232



4278219842



# Sweetspot

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



4282472382



4291219447



4282498727



4284441725



4294769916



4286414205



# Same Dimension

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



4282472382



4281620215



4285088190



4283783006



4278197406



4278191391



# Inverse Universe

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



4290658647



4294390870



4288069185



4284372311



4288544796

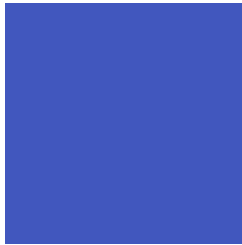


4280221701



# Previews

## White Background



This preview shows how the Android color 4282472382 looks on a white background.

## Color Contrast Check

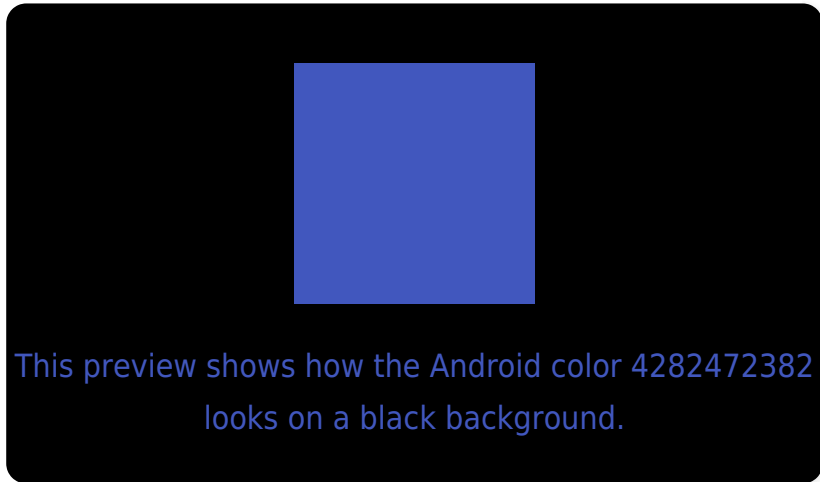
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282472382 Background



This preview shows how black text looks on a background with the Android color 4282472382.



This preview shows how white text looks on a background with the Android color 4282472382.

# 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**  
4282472382

**Protanopia**  
4278738115

**Deuteranopia**  
4278215338



# Trichromacy



**Original Color**  
4282472382

**Protanomaly**  
4280113857

**Deuteranomaly**  
4279787185

**Tritanomaly**  
4279788430

# Monochromacy



**Original Color**  
4282472382

**Achromatopsia**  
4284243036

**Achromatomaly**  
4283587200

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282472382 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(65, 87, 190)` looks like.

```
.text, #text, p{  
    color:rgb(65, 87, 190)  
}
```

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(65, 87, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 87, 190) }
```

## Border

The CSS property to change the border of an element to Android 4282472382 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(65, 87, 190) }
```

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

```
.border{ border-color:rgb(65, 87, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 87, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 87, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 87, 190);  
box-shadow:4px 4px 4px 4px rgb(65, 87,  
190) }
```

# Background

The CSS property to change the background color of an element to Android 4282472382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 87, 190) }
```

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

```
.background{ background-color: rgb(65, 87,  
190) }
```

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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