

# Converting Colors

Android(4282722800)

Have a look what the booklet for  
Android(4282722800) contains.

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# Color

**Android(4282722800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4529F0
RGB	69, 41, 240
RGB Percent	27%, 16%, 94%
CMY	0.7294, 0.8392, 0.0588
CMYK	0.71, 0.83, 0.00, 0.06
HSL	248°, 87%, 55%
HSV	248°, 83%, 94%
XYZ	18.9754, 9.1424, 83.2026
YIQ	72.0580, -47.1910, 67.8250

# Conversions

## Conversions Part 2

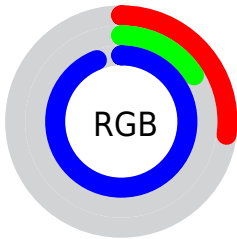
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	69, 41, 240
Decimal	4532720
CIE Lab	36.26, 66.98, -92.75
CIE LCh	36, 114.407, 305.836
Yxy	9.1424, 0.1705, 0.0821
Android (android.graphics.Color)	4282722800 (0xFF4529F0)
YUV	72.0580, 82.7954, -2.6819
Hunter-Lab	30.2363, 59.1073, -141.9854

# Details

The Android color `4282722800` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark washed blue. A complement of this color would be `4292145193`, and the grayscale version is `4282861383`.

A 20% lighter version of the original color is `4287454975`, and `4278190262` is the 20% darker color. If you saturate the color by 10%, you get `4281340400`, and if you desaturate by 10%, it is `4284105200`.

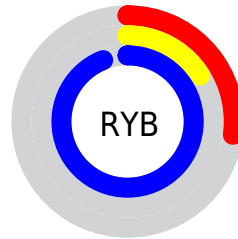
# Distribution



Red (27%)

Green (16%)

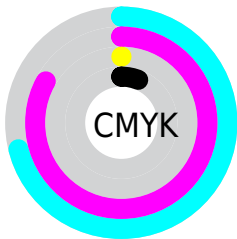
Blue (94%)



Red (27%)

Yellow (16%)

Blue (94%)

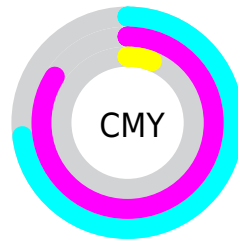


Cyan (71%)

Magenta (83%)

Yellow (0%)

Black (6%)



Cyan (73%)

Magenta (84%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282722800 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 4282722800 by changing the saturation by 10% instead.



 4282722800

 4282722800

4294967295


 4278192339

 4287454975

 4278190262

 4289624575

 4278190234

 4291728639

 4278190207

 4293767167

 4278192997

 4294954239

 4278192460

 4294961407

 4278191156

 4278190622

 4278190080

■ 4282722800

■ 4282722800

■ 4281340400

■ 4284105200

■ 4280418544

■ 4285422064

■ 4286804464

■ 4288121328

■ 4289503728

■ 4290886128

■ 4292202992

■ 4293585392

■ 4294967280

# Harmonies

## Analogous

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



4278215423



4282722800



4291166371

# Triad

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



4282722800



4288752128



4278219366

# Complementary

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



4282722800



4292145193

# 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.



4278218496



4282722800



4284045568

# Square

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



4282722800



4292018176



4278216960



4278219970

# Rectangle

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



4282722800



4293001319



4278216960



4278219078



# Sweetspot

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



4282722800



4291346431



4280931824



4284438912



4278190080



4286611584



# Same Dimension

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



4282722800



4280549631



4289145328



4285426808



4279894200



4278714424



# Inverse Universe

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



4293929428



4294901979



4285722665



4286082166



4290248862

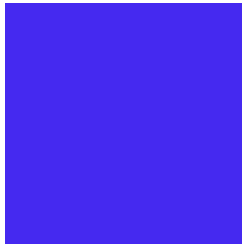


4281860144



# Previews

## White Background



This preview shows how the Android color 4282722800 looks on a white background.

## Color Contrast Check

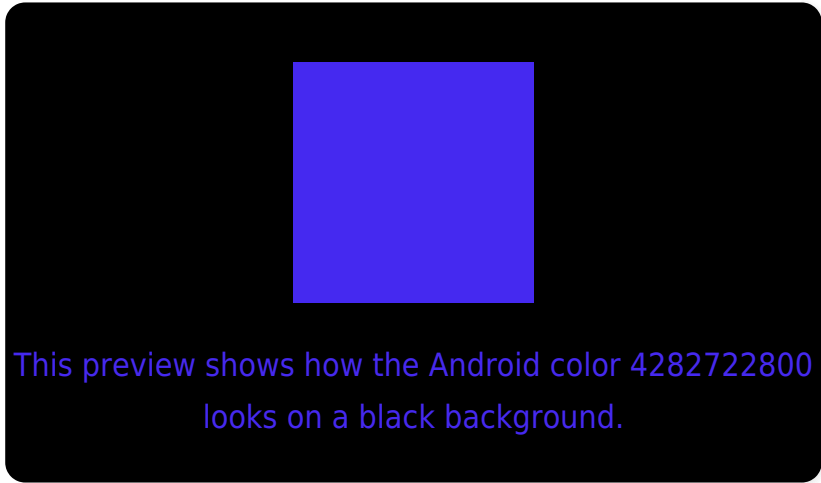
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282722800 Background



This preview shows how black text looks on a background with the Android color 4282722800.



This preview shows how white text looks on a background with the Android color 4282722800.

# 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**  
4282722800

**Protanomaly**  
4279845829

**Tritanomaly**  
4279847831

# Monochromacy



**Original Color**  
4282722800

**Achromatopsia**  
4282927176

**Achromatomaly**  
4282858885

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282722800 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(69, 41, 240)` looks like.

```
.text, #text, p{  
    color:rgb(69, 41, 240)  
}
```

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(69, 41, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 41, 240) }
```

## Border

The CSS property to change the border of an element to Android 4282722800 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(69, 41, 240) }
```

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

```
.border{ border-color:rgb(69, 41, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 41, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 41, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 41, 240);  
box-shadow:4px 4px 4px 4px rgb(69, 41,  
240) }
```

# Background

The CSS property to change the background color of an element to Android 4282722800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 41, 240) }
```

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

```
.background{ background-color: rgb(69, 41,  
240) }
```

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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