

# Converting Colors

Android(4282729945)

Have a look what the booklet for  
Android(4282729945) contains.

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# Color

**Android(4282729945)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4545D9
RGB	69, 69, 217
RGB Percent	27%, 27%, 85%
CMY	0.7294, 0.7294, 0.1490
CMYK	0.68, 0.68, 0.00, 0.15
HSL	240°, 66%, 56%
HSV	240°, 68%, 85%
XYZ	17.1068, 10.5312, 66.7767
YIQ	85.8720, -47.5080, 46.0280

# Conversions

## Conversions Part 2

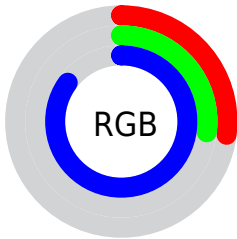
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	69, 69, 217
Decimal	4539865
CIE Lab	38.78, 46.18, -75.48
CIE LCh	39, 88.484, 301.462
Yxy	10.5312, 0.1812, 0.1115
Android (android.graphics.Color)	4282729945 (0xFF4545D9)
YUV	85.8720, 64.6461, -14.7967
Hunter-Lab	32.4518, 37.3043, -99.2859

# Details

The Android color `4282729945` 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 `4292467013`, and the grayscale version is `4283782485`.

A 20% lighter version of the original color is `4287067903`, and `4278196385` is the 20% darker color. If you saturate the color by 10%, you get `4281282521`, and if you desaturate by 10%, it is `4284177369`.

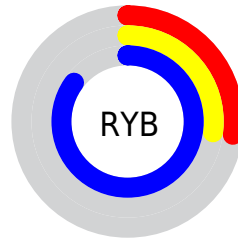
# Distribution



 Red (27%)

 Green (27%)

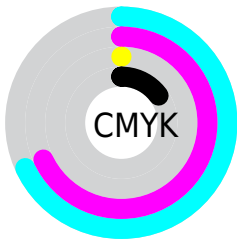
 Blue (85%)




 Red (27%)

 Yellow (27%)

 Blue (85%)

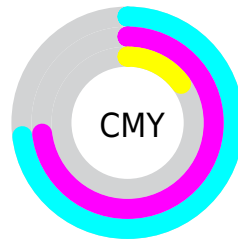


 Cyan (68%)

 Magenta (68%)

 Yellow (0%)

 Black (15%)



 Cyan (73%)

 Magenta (73%)

 Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282729945 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 4282729945 by changing the saturation by 10% instead.



 4282729945

 4282729945

4294967295

 4279578301

 4287067903

 4278196385

 4289106175

 4278191238

 4291079167

 4278190188

 4293117951

 4278192978

 4294960127

 4278191418

 4278190627

 4278190091

 4278190080

■ 4282729945

■ 4282729945

■ 4281282521

■ 4284177369

■ 4279900889

■ 4285559001

■ 4278453465

■ 4287006425

■ 4278190297

■ 4288453849

■ 4289901273

■ 4291282905

■ 4292730329

■ 4294177753

■ 4294967257

# Harmonies

## Analogous

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



4278216431



4282729945



4289659042

# Triad

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



4282729945



4288952064



4278220125

# Complementary

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



4282729945



4292467013

# 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.



4278219266



4282729945



4285356544

# Square

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



4282729945



4291297301



4279528192



4278220454

# Rectangle

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



4282729945



4291428467



4279528192



4278220100



# Sweetspot

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



4282729945



4291611903



4282767833



4284572032



4278190080



4286611584



# Same Dimension

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



4282729945



4281216767



4287579609



4284703598



4278190253



4278190126



# Inverse Universe

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



4292429273



4294913791



4287617349



4285424494



4289527981



4281204782



# Previews

## White Background



This preview shows how the Android color 4282729945 looks on a white background.

## Color Contrast Check

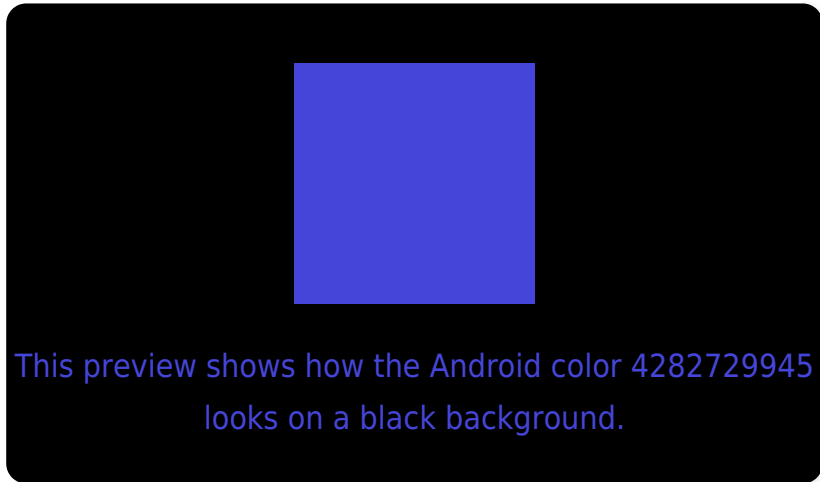
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282729945 Background



This preview shows how black text looks on a background with the Android color 4282729945.



This preview shows how white text looks on a background with the Android color 4282729945.

# 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**

4282729945

**Protanomaly**

4279849413

**Tritanomaly**

4279851412

# Monochromacy



**Original Color**

4282729945

**Achromatopsia**

4283848278

**Achromatomaly**

4283453574

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282729945 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, 69, 217)` looks like.

```
.text, #text, p{  
    color:rgb(69, 69, 217)  
}
```

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, 69, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 69, 217) }
```

## Border

The CSS property to change the border of an element to Android 4282729945 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, 69, 217) }
```

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

```
.border{ border-color:rgb(69, 69, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 69, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 69, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 69, 217);  
box-shadow:4px 4px 4px 4px rgb(69, 69,  
217) }
```

# Background

The CSS property to change the background color of an element to Android 4282729945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 69, 217) }
```

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

```
.background{ background-color: rgb(69, 69,  
217) }
```

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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