

# Converting Colors

Android(4282664921)

Have a look what the booklet for  
Android(4282664921) contains.

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# Color

**Android(4282664921)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4447D9
RGB	68, 71, 217
RGB Percent	27%, 28%, 85%
CMY	0.7333, 0.7216, 0.1490
CMYK	0.69, 0.67, 0.00, 0.15
HSL	239°, 66%, 56%
HSV	239°, 69%, 85%
XYZ	17.1615, 10.7452, 66.8152
YIQ	86.7470, -48.6540, 44.7700

# Conversions

## Conversions Part 2

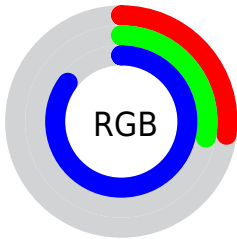
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	68, 71, 217
Decimal	4474841
CIE Lab	39.15, 44.90, -74.87
CIE LCh	39, 87.302, 300.948
Yxy	10.7452, 0.1812, 0.1134
Android (android.graphics.Color)	4282664921 (0xFF4447D9)
YUV	86.7470, 64.2147, -16.4411
Hunter-Lab	32.7798, 36.0870, -97.9050

# Details

The Android color `4282664921` 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 `4292466244`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4287002879`, and `4278196897` is the 20% darker color. If you saturate the color by 10%, you get `4281217753`, and if you desaturate by 10%, it is `4284112089`.

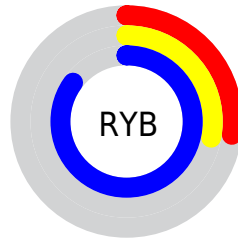
# Distribution



Red (27%)

Green (28%)

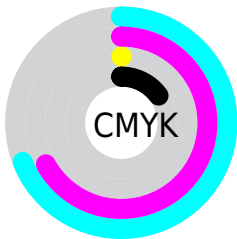
Blue (85%)



Red (27%)

Yellow (28%)

Blue (85%)

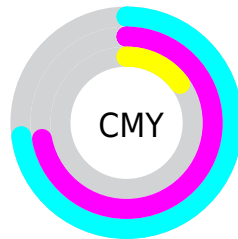


Cyan (69%)

Magenta (67%)

Yellow (0%)

Black (15%)



Cyan (73%)

Magenta (72%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282664921 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 4282664921 by changing the saturation by 10% instead.



 4282664921

 4282664921

4294967295

 4279382205

 4287002879

 4278196897

 4289041151

 4278191750

 4291014143

 4278190188

 4293052927

 4278192978

 4294960639

 4278191418

 4278190627

 4278190091

 4278190080

■ 4282664921

■ 4282664921

■ 4281217753

■ 4284112089

■ 4279835865

■ 4285493977

■ 4278388697

■ 4286941145

■ 4278191321

■ 4288388313

■ 4289835481

■ 4291217369

■ 4292664537

■ 4294111705

■ 4294967257

# Harmonies

## Analogous

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



4278216686



4282664921



4289593507

# Triad

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



4282664921



4289017856



4278220381

# Complementary

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



4282664921



4292466244

# 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.



4278219523



4282664921



4285487872

# Square

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



4282664921



4291297304



4280052736



4278220709

# Rectangle

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



4282664921



4291362933



4280052736



4278220100



# Sweetspot

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



4282664921



4291415039



4282702292



4284506240



4278190080



4286611584



# Same Dimension

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



4282664921



4281217791



4287251673



4284703598



4278191021



4278190382



# Inverse Universe

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



4292428871



4294913586



4287879492



4285424483



4289527811

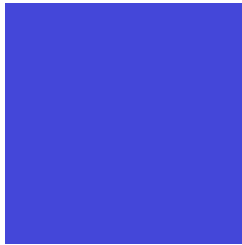


4281204737



# Previews

## White Background



This preview shows how the Android color 4282664921 looks on a white background.

## Color Contrast Check

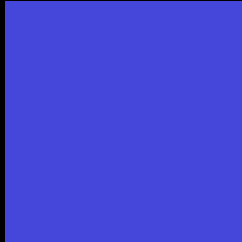
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4282664921 looks on a 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 4282664921 Background



This preview shows how black text looks on a background with the Android color 4282664921.



This preview shows how white text looks on a background with the Android color 4282664921.

# 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**  
4282664921

**Protanopia**  
4278212795

**Deuteranopia**  
4278214304



# Trichromacy



**Original Color**  
4282664921

**Protanomaly**  
4279849670

**Deuteranomaly**  
4279850677

**Tritanomaly**  
4279851924

# Monochromacy



**Original Color**  
4282664921

**Achromatopsia**  
4283914071

**Achromatomaly**  
4283453830

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282664921 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(68, 71, 217)` looks like.

```
.text, #text, p{  
    color:rgb(68, 71, 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(68, 71, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 71, 217) }
```

## Border

The CSS property to change the border of an element to Android 4282664921 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(68, 71, 217) }
```

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

```
.border{ border-color:rgb(68, 71, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 71, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 71, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 71, 217);  
box-shadow:4px 4px 4px 4px rgb(68, 71,  
217) }
```

# Background

The CSS property to change the background color of an element to Android 4282664921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 71, 217) }
```

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

```
.background{ background-color: rgb(68, 71,  
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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