

# Converting Colors

Android(4281425838)

Have a look what the booklet for  
Android(4281425838) contains.

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# Color

**Android(4281425838)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	315FAE
RGB	49, 95, 174
RGB Percent	19%, 37%, 68%
CMY	0.8078, 0.6275, 0.3176
CMYK	0.72, 0.45, 0.00, 0.32
HSL	218°, 56%, 44%
HSV	218°, 72%, 68%
XYZ	12.9988, 11.8934, 41.6549
YIQ	90.2520, -52.7750, 14.8170

# Conversions

## Conversions Part 2

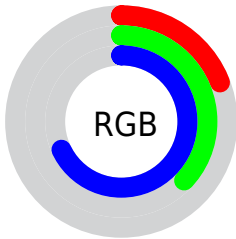
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 83, 174
Decimal	3235758
CIE <sub>Lab</sub>	41.05, 11.72, -46.83
CIE <sub>LCh</sub>	41, 48.277, 284.048
Yxy	11.8934, 0.1953, 0.1787
Android (android.graphics.Color)	4281425838 (0xFF315FAE)
<b>YUV</b>	90.2520, 41.2878, -36.1780
Hunter-Lab	34.4868, 6.9287, -47.4728

# Details

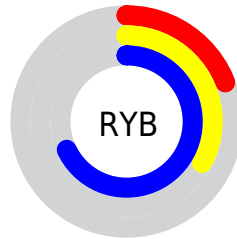
The Android color `4281425838` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4289626161`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4285436390`, and `4278203001` is the 20% darker color. If you saturate the color by 10%, you get `4280308910`, and if you desaturate by 10%, it is `4282542766`.

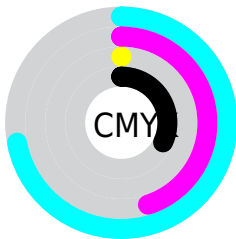
# Distribution



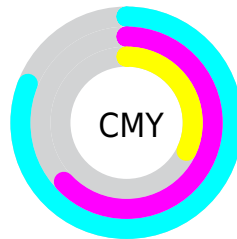
- Red (19%)
- Green (37%)
- Blue (68%)



- Red (19%)
- Yellow (33%)
- Blue (68%)



- Cyan (72%)
- Magenta (45%)
- Yellow (0%)
- Black (32%)




- Cyan (81%)
- Magenta (63%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281425838 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 4281425838 by changing the saturation by 10% instead.



 4281425838

 4281425838

4294967295

 4278208659

 4285436390


 4278203001

 4287343615

 4278197856

 4289251327

 4278190919

 4291158783

 4278191152

 4293132287

 4278190362

 4278190080

 4281425838

 4281425838

 4280308910

 4282542766

■ 4279126446

■ 4283725230

■ 4278206638

■ 4284842158

■ 4286024622

■ 4287141550

■ 4288258478

■ 4289440942

■ 4290557870

■ 4291740334

# Harmonies

## Analogous

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



4278217645



4281425838



4286205594

# Triad

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



4281425838



4288562731



4278219338

# Complementary

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



4281425838



4289626161

# 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.



4281691427



4281425838



4286994187

# Square

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



4281425838



4289215056



4284704003



4278219635

# Rectangle

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



4281425838



4287906436



4284704003



4278219068



# Sweetspot

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



4281425838



4289840099



4281446014



4283785331



4294111986



4285756275



# Same Dimension

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



4281425838



4280314083



4282397102



4283322711



4278204310



4278192151



# Inverse Universe

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



4289605983



4293075048



4288654897



4283911761



4288020535



4279697416



# Previews

## White Background



This preview shows how the Android color 4281425838 looks on a white background.

## Color Contrast Check

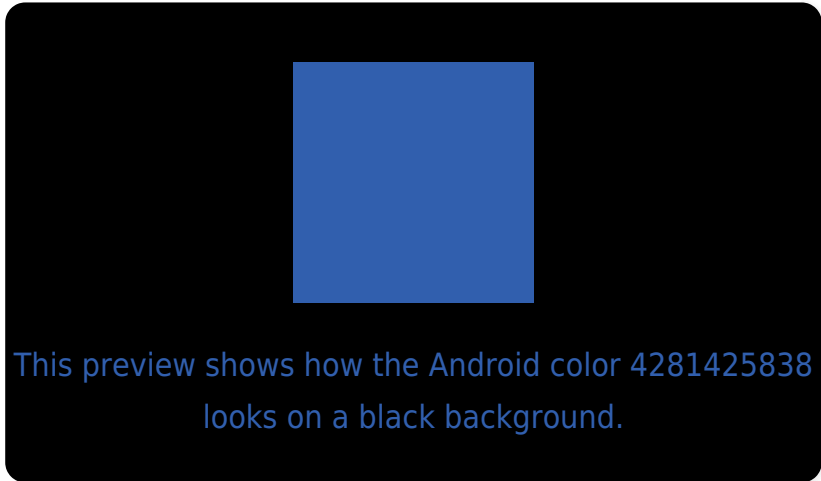
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281425838 Background



This preview shows how black text looks on a background with the Android color 4281425838.



This preview shows how white text looks on a background with the Android color 4281425838.

# 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**  
4281425838

**Protanomaly**  
4281818797

**Deuteranomaly**  
4279984557

**Tritanomaly**  
4279396232

# Monochromacy



**Original Color**  
4281425838

**Achromatopsia**  
4284111450

**Achromatomaly**  
4283128953

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281425838 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(49, 95, 174)` looks like.

```
.text, #text, p{  
    color:rgb(49, 95, 174)  
}
```

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(49, 95, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 95, 174) }
```

## Border

The CSS property to change the border of an element to Android 4281425838 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(49, 95, 174) }
```

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

```
.border{ border-color:rgb(49, 95, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 95, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 95, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 95, 174);  
box-shadow:4px 4px 4px 4px rgb(49, 95,  
174) }
```

# Background

The CSS property to change the background color of an element to Android 4281425838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 95, 174) }
```

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

```
.background{ background-color: rgb(49, 95,  
174) }
```

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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