

# Converting Colors

Android(4282450101)

Have a look what the booklet for  
Android(4282450101) contains.

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# Color

**Android(4282450101)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4100B5
RGB	65, 0, 181
RGB Percent	25%, 0%, 71%
CMY	0.7451, 1.0000, 0.2902
CMYK	0.64, 1.00, 0.00, 0.29
HSL	262°, 100%, 35%
HSV	262°, 100%, 71%
XYZ	10.5205, 4.4600, 44.0224
YIQ	40.0690, -19.3610, 70.0710

# Conversions

## Conversions Part 2

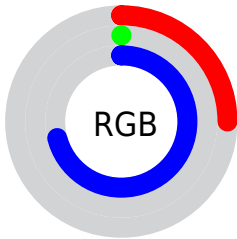
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 0, 181
Decimal	4260021
CIELab	25.14, 62.75, -76.96
CIElCh	25, 99.303, 309.193
Yxy	4.4600, 0.1783, 0.0756
Android (android.graphics.Color)	4282450101 (0xFF4100B5)
YUV	40.0690, 69.4790, 21.8645
Hunter-Lab	21.1187, 51.9633, -108.8081

# Details

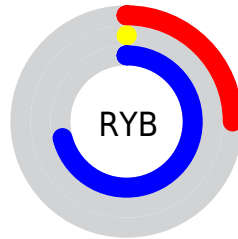
The Android color **4282450101** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **4285838592**, and the grayscale version is **4280756007**.

A 20% lighter version of the original color is **4286661102**, and **4278190206** is the 20% darker color. If you saturate the color by 10%, you get **4282450101**, and if you desaturate by 10%, it is **4283241141**.

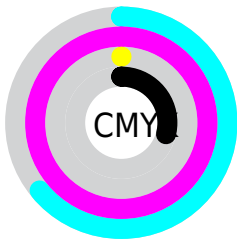
# Distribution



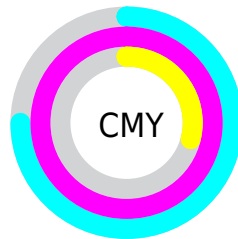
- Red (25%)
- Green (0%)
- Blue (71%)



- Red (25%)
- Yellow (0%)
- Blue (71%)



- Cyan (64%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)



- Cyan (75%)
- Magenta (100%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282450101 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 4282450101 by changing the saturation by 10% instead.



 4282450101

 4282450101

4294967295

 4279500953

 4286661102

 4278190206

 4288634111

 4278190180

 4290606847

 4278192459

 4292645631

 4278191156

 4294618623

 4278190621

 4294953727

 4278190080

 4294960895

 4282450101

■ 4283241141

■ 4283966645

■ 4284757685

■ 4285483189

■ 4286274485

■ 4287065525

■ 4287791029

■ 4288582069

■ 4289307573

# Harmonies

## Analogous

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



4278207704



4282450101



4288479347

# Triad

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



4282450101



4285668864



4278211154

# Complementary

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



4282450101



4285838592

# 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.



4278210560



4282450101



4281680128

# Square

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



4282450101



4288479232



4278209536



4278211741

# Rectangle

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



4282450101



4289658946



4278209536



4278211128



# Sweetspot

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



4282450101



4290618603



4278220469



4284107637



4294309365



4285887861



# Same Dimension

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



4282450101



4283695339



4288282805



4283715673



4281794713



4278779930



# Inverse Universe

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



4290052212



4293591190



4280005888



4284043350



4288217186

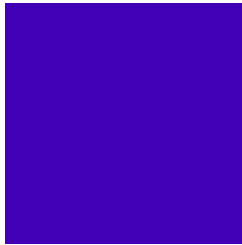


4279894032



# Previews

## White Background



This preview shows how the Android color 4282450101 looks on a white background.

## Color Contrast Check

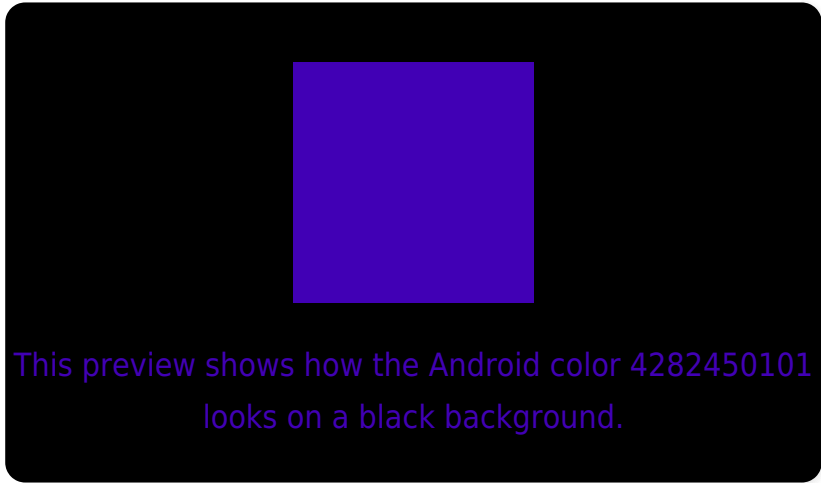
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282450101 Background



This preview shows how black text looks on a background with the Android color 4282450101.



This preview shows how white text looks on a background with the Android color 4282450101.

# 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**

4282450101

**Protanopia**

4278205566

**Tritanopia**

4278207818

# Trichromacy



**Original Color**  
4282450101

**Protanomaly**  
4279772818

**Tritanomaly**  
4279774321

# Monochromacy



**Original Color**  
4282450101

**Achromatopsia**  
4280821800

**Achromatomaly**  
4281407835

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282450101 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, 0, 181)` looks like.

```
.text, #text, p{  
    color:rgb(65, 0, 181)  
}
```

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, 0, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 0, 181) }
```

## Border

The CSS property to change the border of an element to Android 4282450101 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, 0, 181) }
```

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

```
.border{ border-color:rgb(65, 0, 181) }
```

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

Here you see how a box with a 4 pixel rgb(65, 0, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 0, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 0, 181);  
box-shadow:4px 4px 4px 4px rgb(65, 0, 181)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282450101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 0, 181) }
```

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

```
.background{ background-color: rgb(65, 0,  
181) }
```

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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