

# Converting Colors

Android(4284886421)

Have a look what the booklet for  
Android(4284886421) contains.

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# Color

**Android(4284886421)**

# Conversions

## Conversions Part 1

| Format      | Color                    |
|-------------|--------------------------|
| Hex         | 662D95                   |
| RGB         | 102, 45, 149             |
| RGB Percent | 40%, 18%, 58%            |
| CMY         | 0.6000, 0.8235, 0.4157   |
| CMYK        | 0.32, 0.70, 0.00, 0.42   |
| HSL         | 273°, 54%, 38%           |
| HSV         | 273°, 70%, 58%           |
| XYZ         | 11.8427, 6.8715, 29.1359 |
| YIQ         | 73.8990, 0.5880, 44.4280 |

# Conversions

## Conversions Part 2

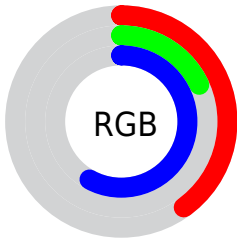
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 102, 45, 149                  |
| Decimal                             | 6696341                       |
| CIE <sub>Lab</sub>                  | 31.51, 44.94, -46.96          |
| CIE <sub>LCh</sub>                  | 32, 64.998, 313.737           |
| Yxy                                 | 6.8715, 0.2475,<br>0.1436     |
| Android<br>(android.graphics.Color) | 4284886421<br>(0xFF662D95)    |
| YUV                                 | 73.8990, 37.0248,<br>24.6446  |
| Hunter-Lab                          | 26.2135, 34.7688,<br>-47.5505 |

# Details

The Android color `4284886421` is a dark color, and the websafe version is hex `663399`. A complement of this color would be `4284257581`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4288503756`, and `4281401441` is the 20% darker color. If you saturate the color by 10%, you get `4284423829`, and if you desaturate by 10%, it is `4285349013`.

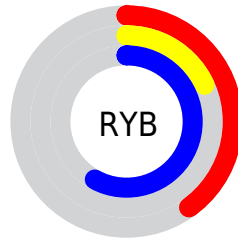
# Distribution



Red (40%)

Green (18%)

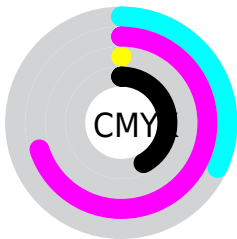
Blue (58%)



Red (40%)

Yellow (18%)

Blue (58%)

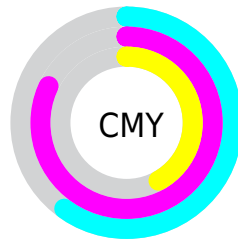


Cyan (32%)

Magenta (70%)

Yellow (0%)

Black (42%)



Cyan (60%)

Magenta (82%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284886421 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 4284886421 by changing the saturation by 10% instead.



 4284886421

 4284886421

4294967295

 4283110267

 4288503756

 4281401441

 4290345448

 4279763017

 4292187391

 4278190129

 4294160383


 4278190363

 4294953983

 4278190080

 4294961151

 4284886421

 4284886421

 4284423829

 4285349013

■ 4284026773

■ 4285746069

■ 4283564181

■ 4286208661

■ 4286671253

■ 4287133845

■ 4287530645

■ 4287993237

■ 4288455829

■ 4288918421

# Harmonies

## Analogous

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



4278208943



4284886421



4287889512

# Triad

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



4284886421



4285676800



4278214241

# Complementary

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



4284886421



4284257581

# 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.



4278213931



4284886421



4282797824

# Square

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



4284886421



4287699968



4278212864



4278214289

# Rectangle

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



4284886421



4288610374



4278212864



4278214223



# Sweetspot

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



4284886421



4289698242



4281163413



4283844961



4292927712



4284572001



# Same Dimension

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



4284886421



4286062530



4287966610



4282860362



4283105418



4278583306



# Inverse Universe

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



4287966556



4290912105



4281177392



4283056966



4287234110

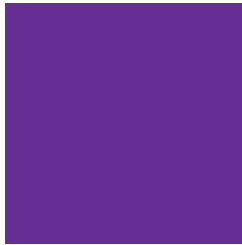


4278845445



# Previews

## White Background



This preview shows how the Android color 4284886421 looks on a white background.

## Color Contrast Check

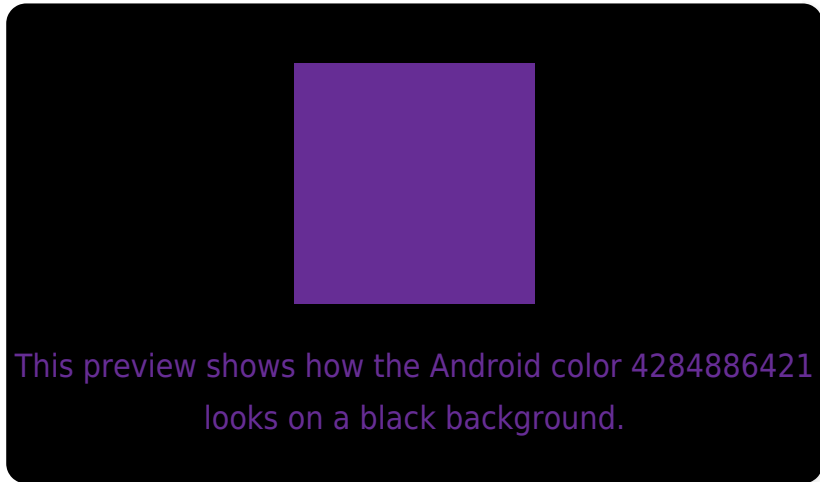
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284886421 Background



This preview shows how black text looks on a background with the Android color 4284886421.



This preview shows how white text looks on a background with the Android color 4284886421.

# 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**

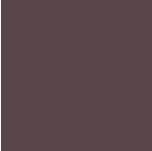
4284886421

**Protanopia**

4278208665

**Deuteranopia**

4278209670



**Tritanopia**  
4283975243

# Trichromacy



**Original Color**  
4284886421

**Protanomaly**  
4280630936

**Deuteranomaly**  
4280631691

**Tritanomaly**  
4284300646

# Monochromacy



**Original Color**  
4284886421

**Achromatopsia**  
4283058762

**Achromatomaly**  
4283711333

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284886421 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(102, 45, 149)` looks like.

```
.text, #text, p{  
    color:rgb(102, 45, 149)  
}
```

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(102, 45, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 45, 149) }
```

## Border

The CSS property to change the border of an element to Android 4284886421 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(102, 45, 149) }
```

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

```
.border{ border-color:rgb(102, 45, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 45, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 45, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 45, 149);  
box-shadow:4px 4px 4px 4px rgb(102, 45,  
149) }
```

# Background

The CSS property to change the background color of an element to Android 4284886421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 45, 149) }
```

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

```
.background{ background-color: rgb(102, 45,  
149) }
```

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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