

Converting Colors

Android(4281667201)

Have a look what the booklet for
Android(4281667201) contains.

| | |
|--|----|
| Android(4281667201) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Android(4281667201)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 350E81 |
| RGB | 53, 14, 129 |
| RGB Percent | 21%, 5%, 51% |
| CMY | 0.7922, 0.9451, 0.4941 |
| CMYK | 0.59, 0.89, 0.00, 0.49 |
| HSL | 260°, 80%, 28% |
| HSV | 260°, 89%, 51% |
| XYZ | 5.5877, 2.6559, 20.9870 |
| YIQ | 38.7710, -13.6710, 44.0330 |

Conversions

Conversions Part 2

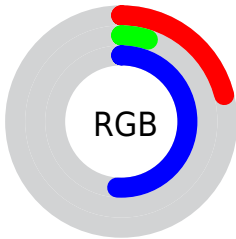
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 53, 14, 129 |
| Decimal | 3477121 |
| CIE _{Lab} | 18.61, 45.24, -55.86 |
| CIE _{LCh} | 19, 71.879, 309.003 |
| Yxy | 2.6559, 0.1912, 0.0909 |
| Android (android.graphics.Color) | 4281667201 (0xFF350E81) |
| YUV | 38.7710, 44.4829, 12.4788 |
| Hunter-Lab | 16.2971, 32.6815, -64.9446 |




Details

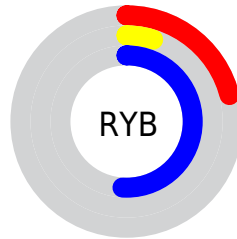
The Android color **4281667201** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4284121358**, and the grayscale version is **4280690214**.




A 20% lighter version of the original color is **4285415607**, and **4278190158** is the 20% darker color. If you saturate the color by 10%, you get **4281074049**, and if you desaturate by 10%, it is **4282260353**.

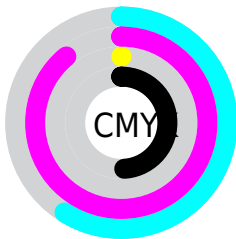
Distribution







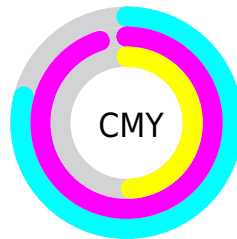
-  Red (21%)
-  Green (5%)
-  Blue (51%)






-  Red (21%)
-  Yellow (5%)
-  Blue (51%)



-  Cyan (59%)
-  Magenta (89%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (79%)
-  Magenta (95%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281667201 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 4281667201 by changing the saturation by 10% instead.



4281667201



4281667201



4294966783



4279369831



4285415607



4278190158



4287257043



4278191414



4289098736



4278190624



4291005951



4278190084



4292913407



4278190080



4294886655



4294959359



4281667201



4281667201

■ 4281074049

■ 4282260353

■ 4281073793

■ 4282787969

■ 4283381121

■ 4283908737

■ 4284501633

■ 4285029249

■ 4285622401

■ 4286150017

■ 4286743169

Harmonies

Analogous

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



4278203033



4281667201



4285595732

Triad

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



4281667201



4283767296



4278206269

Complementary

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



4281667201



4284121358

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.



4278205696



4281667201



4281020672

Square

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



4281667201



4285726720



4278204672



4278206576

Rectangle

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



4281667201



4286447666



4278204672



4278206250

Sweetspot

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



4281667201



4287265704



4279131009



4282530132



4292138196



4283716692

Same Dimension

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



4281667201



4281925800



4285402753



4282136896



4281008256



4278190080

Inverse Universe

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



4286647898



4289200239



4280385806



4282399038



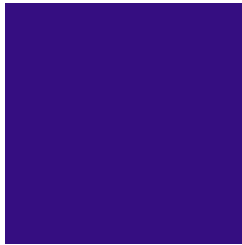
4286578772



4278190080

Previews

White Background



This preview shows how the Android color 4281667201 looks on a white background.

Color Contrast Check

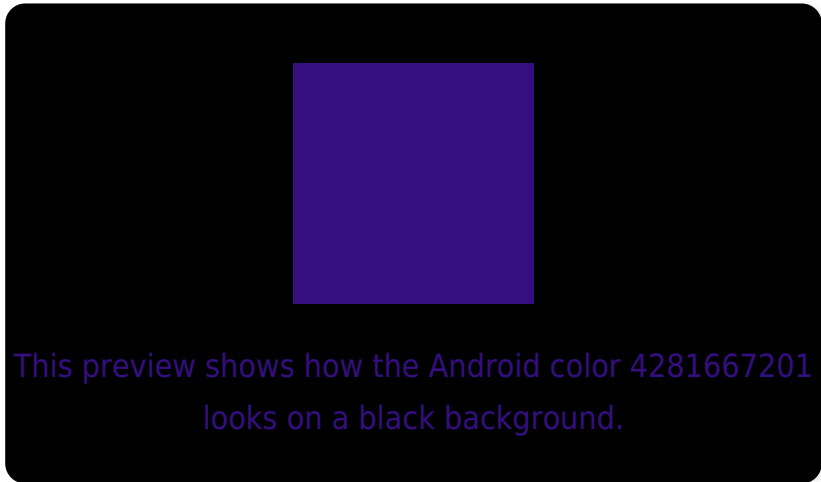
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281667201 Background



This preview shows how black text looks on a background with the Android color 4281667201.



This preview shows how white text looks on a background with the Android color 4281667201.

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
4281667201

Protanopia
4278201695

Deuteranopia
4278202449

Trichromacy



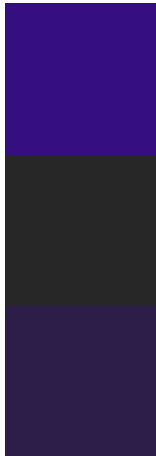
Original Color
4281667201

Protanomaly
4279444075

Deuteranomaly
4279444578

Tritanomaly
4280362578

Monochromacy



Original Color
4281667201

Achromatopsia
4280756007

Achromatomaly
4281081416

CSS Examples

Text

The CSS property to change the color of the text to Android 4281667201 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(53, 14, 129)` looks like.

```
.text, #text, p{  
    color:rgb(53, 14, 129)  
}
```

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(53, 14, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 14, 129) }
```

Border

The CSS property to change the border of an element to Android 4281667201 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(53, 14, 129) }
```

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

```
.border{ border-color:rgb(53, 14, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 14, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 14, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 14, 129);  
box-shadow:4px 4px 4px 4px rgb(53, 14,  
129) }
```

Background

The CSS property to change the background color of an element to Android 4281667201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 14, 129) }
```

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

```
.background{ background-color: rgb(53, 14,  
129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor