

Converting Colors

Android(4281401991)

Have a look what the booklet for
Android(4281401991) contains.

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Color

Android(4281401991)

Conversions

Conversions Part 1

Format	Color
Hex	310287
RGB	49, 2, 135
RGB Percent	19%, 1%, 53%
CMY	0.8078, 0.9922, 0.4706
CMYK	0.64, 0.99, 0.00, 0.47
HSL	261°, 97%, 27%
HSV	261°, 99%, 53%
XYZ	5.6615, 2.4457, 23.0953
YIQ	31.2150, -14.6810, 51.3270

Conversions

Conversions Part 2

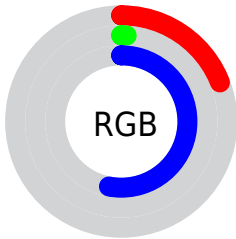
Format	Color
R_{YB}	49, 2, 135
Decimal	3211911
CIE _{Lab}	17.67, 50.14, -61.22
CIE _{LCh}	18, 79.131, 309.315
Yxy	2.4457, 0.1814, 0.0784
Android (android.graphics.Color)	4281401991 (0xFF310287)
YUV	31.2150, 51.1660, 15.5974
Hunter-Lab	15.6386, 37.2533, -76.6135

Details

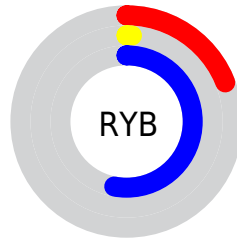
The Android color **4281401991** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4283991810**, and the grayscale version is **4280229663**.

A 20% lighter version of the original color is **4285283006**, and **4278190164** is the 20% darker color. If you saturate the color by 10%, you get **4281335943**, and if you desaturate by 10%, it is **4281995143**.

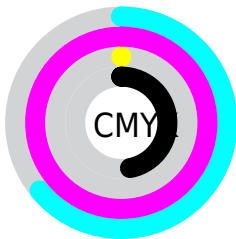
Distribution



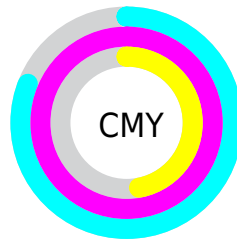
- Red (19%)
- Green (1%)
- Blue (53%)



- Red (19%)
- Yellow (1%)
- Blue (53%)



- Cyan (64%)
- Magenta (99%)
- Yellow (0%)
- Black (47%)



- Cyan (81%)
- Magenta (99%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281401991 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 4281401991 by changing the saturation by 10% instead.

 4281401991

 4281401991

 4294965247

 4278583405

 4285283006

 4278190164

 4287189978

 4278191675

 4289031671

 4278190629

 4290938879


 4278190349

 4292911871

 4278190080

 4294885119

 4294957823

 4281401991

 4281401991

■ 4281335943

■ 4281995143

■ 4282523015

■ 4283116167

■ 4283709575

■ 4284302727

■ 4284830599

■ 4285423751

■ 4286017159

■ 4286610311

Harmonies

Analogous

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



4278202786



4281401991



4285857877

Triad

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



4281401991



4283766016



4278206013

Complementary

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



4281401991



4283991810

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.



4278205440



4281401991



4280692480

Square

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



4281401991



4285857792



4278204416



4278206325

Rectangle

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



4281401991



4286775344



4278204416



4278205737

Sweetspot

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



4281401991



4287527856



4278343815



4282661209



4292467161



4284045657

Same Dimension

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



4281401991



4282253488



4285727367



4282268738



4281204866



4278255619

Inverse Universe

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



4287038040



4289724530



4279666434



4282530880



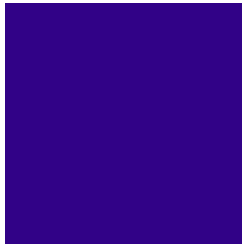
4286709844



4278386690

Previews

White Background



This preview shows how the Android color 4281401991 looks on a white background.

Color Contrast Check

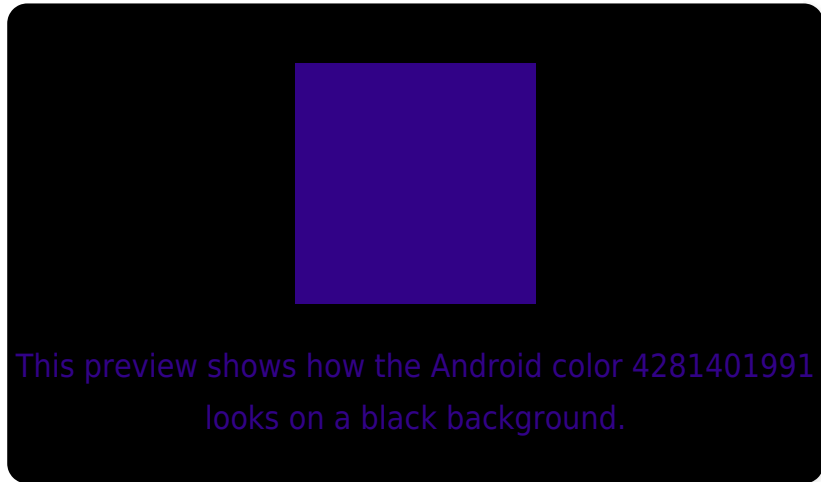
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281401991 Background



This preview shows how black text looks on a background with the Android color 4281401991.



This preview shows how white text looks on a background with the Android color 4281401991.

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
4281401991

Protanopia
4278201694

Deuteranopia
4278202448

Trichromacy



Original Color

4281401991

Protanomaly

4279377261

Deuteranomaly

4279377764

Tritanomaly

4279378516

Monochromacy



Original Color

4281401991

Achromatopsia

4280229663

Achromatomaly

4280685637

CSS Examples

Text

The CSS property to change the color of the text to Android 4281401991 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, 2, 135)` looks like.

```
.text, #text, p{  
    color:rgb(49, 2, 135)  
}
```

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, 2, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 2, 135) }
```

Border

The CSS property to change the border of an element to Android 4281401991 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, 2, 135) }
```

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

```
.border{ border-color:rgb(49, 2, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 2, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 2, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 2, 135);  
box-shadow:4px 4px 4px 4px rgb(49, 2, 135)  
}
```

Background

The CSS property to change the background color of an element to Android 4281401991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 2, 135) }
```

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

```
.background{ background-color: rgb(49, 2,  
135) }
```

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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