

Converting Colors

Android(4281401432)

Have a look what the booklet for
Android(4281401432) contains.

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Color

Android(4281401432)

Conversions

Conversions Part 1

Format	Color
Hex	310058
RGB	49, 0, 88
RGB Percent	19%, 0%, 35%
CMY	0.8078, 1.0000, 0.6549
CMYK	0.44, 1.00, 0.00, 0.65
HSL	273°, 100%, 17%
HSV	273°, 100%, 35%
XYZ	3.0281, 1.3575, 9.3350
YIQ	24.6830, 0.9560, 37.7560

Conversions

Conversions Part 2

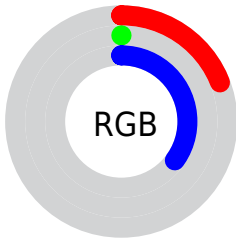
Format	Color
R_{YB}	49, 0, 88
Decimal	3211352
CIE _{Lab}	11.67, 39.23, -40.48
CIE _{LCh}	12, 56.369, 314.102
Yxy	1.3575, 0.2207, 0.0989
Android (android.graphics.Color)	4281401432 (0xFF310058)
YUV	24.6830, 31.2153, 21.3260
Hunter-Lab	11.6514, 26.0004, -39.3465

Details

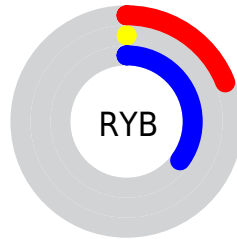
The Android color **4281401432** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4280768512**, and the grayscale version is **4279769112**.

A 20% lighter version of the original color is **4284822411**, and **4278190121** is the 20% darker color. If you saturate the color by 10%, you get **4281401432**, and if you desaturate by 10%, it is **4281665880**.

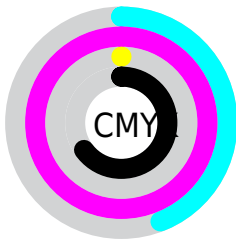
Distribution



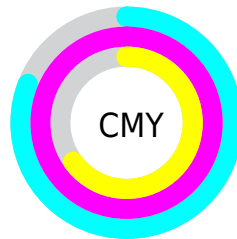
- Red (19%)
- Green (0%)
- Blue (35%)



- Red (19%)
- Yellow (0%)
- Blue (35%)



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)
- Black (65%)



- Cyan (81%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281401432 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 4281401432 by changing the saturation by 10% instead.

 4281401432

 4281401432

 4294962431

 4279959616

 4284822411

 4278190121

 4286532518

 4278190355

 4288308417

 4278190080

 4290150109

 4291991802

 4293899263

 4294955007

 4281401432

■ 4281665880

■ 4281930328

■ 4282194520

■ 4282458968

■ 4282723416

■ 4282922328

■ 4283186776

■ 4283450968

■ 4283715416

Harmonies

Analogous

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



4278198381



4281401432



4283760693

Triad

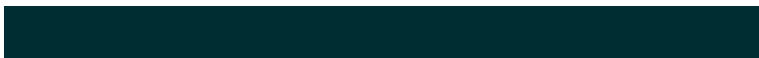
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4281401432



4281865472



4278201649

Complementary

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



4281401432



4280768512

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.



4278201346



4281401432



4279640832

Square

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



4281401432



4283432960



4278200832



4278201941

Rectangle

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



4281401432



4284219420



4278200832



4278201635

Sweetspot

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



4281401432



4284698739



4278200408



4281411131



4290427578



4282071867

Same Dimension

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



4281401432



4282384499



4283957332



4280887083



4282122347



4286775531

Inverse Universe

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



4283957287



4285726771



4278212612



4281018153



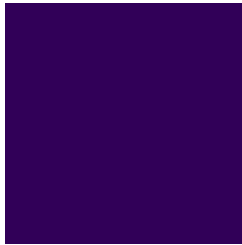
4285202479



4293591144

Previews

White Background



This preview shows how the Android color 4281401432 looks on a white background.

Color Contrast Check

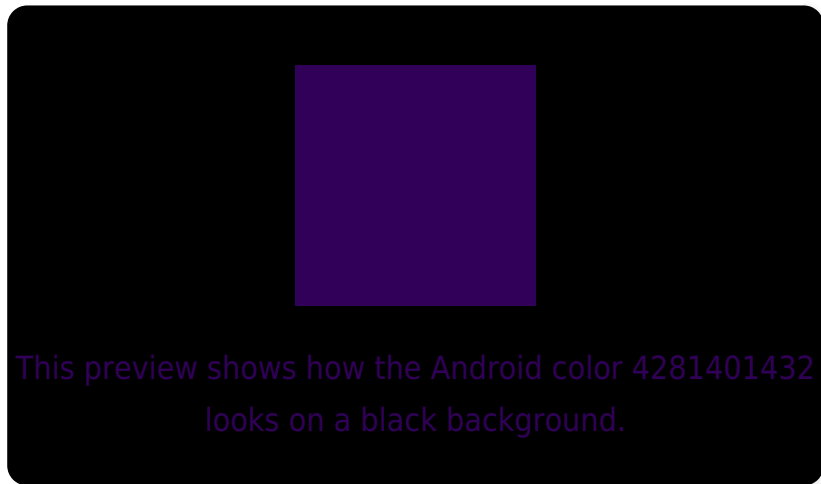
Large Text (above 18pt) WCAG AA ✓ Pass

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

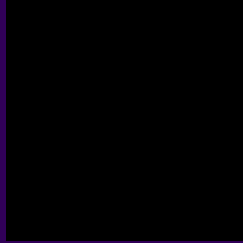
Any Text WCAG AA × Fail

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 4281401432 Background



This preview shows how black text looks on a background with the Android color 4281401432.



This preview shows how white text looks on a background with the Android color 4281401432.

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
4281401432

Protanopia
4278198855

Deuteranopia
4278199357

Trichromacy



Original Color

4281401432

Protanomaly

4279375437

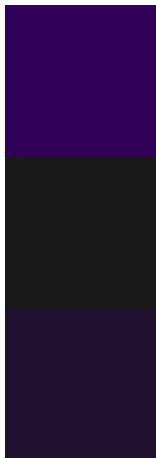
Deuteranomaly

4279375687

Tritanomaly

4280882744

Monochromacy



Original Color

4281401432

Achromatopsia

4279834905

Achromatomaly

4280422448

CSS Examples

Text

The CSS property to change the color of the text to Android 4281401432 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, 0, 88)` looks like.

```
.text, #text, p{  
    color:rgb(49, 0, 88)  
}
```

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, 0, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 0, 88) }
```

Border

The CSS property to change the border of an element to Android 4281401432 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, 0, 88) }
```

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

```
.border{ border-color:rgb(49, 0, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 0, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 0, 88); -webkit-box-shadow:4px  
4px 4px 4px rgb(49, 0, 88); box-shadow:4px  
4px 4px 4px rgb(49, 0, 88) }
```

Background

The CSS property to change the background color of an element to Android 4281401432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 0, 88) }
```

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

```
.background{ background-color: rgb(49, 0,  
88) }
```

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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