

Converting Colors

Android(4281405104)

Have a look what the booklet for
Android(4281405104) contains.

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Color

Android(4281405104)

Conversions

Conversions Part 1

Format	Color
Hex	310EB0
RGB	49, 14, 176
RGB Percent	19%, 5%, 69%
CMY	0.8078, 0.9451, 0.3098
CMYK	0.72, 0.92, 0.00, 0.31
HSL	253°, 85%, 37%
HSV	253°, 92%, 69%
XYZ	9.2601, 4.1016, 41.3779
YIQ	42.9330, -31.1420, 57.8020

Conversions

Conversions Part 2

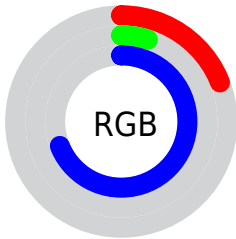
Format	Color
R_{YB}	49, 14, 176
Decimal	3215024
CIE _{Lab}	24.00, 57.64, -75.89
CIE _{LCh}	24, 95.298, 307.215
Yxy	4.1016, 0.1692, 0.0749
Android (android.graphics.Color)	4281405104 (0xFF310EB0)
YUV	42.9330, 65.6020, 5.3208
Hunter-Lab	20.2525, 46.1745, -106.9589

Details

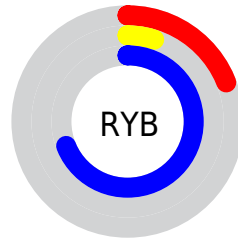
The Android color **4281405104** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4287475726**, and the grayscale version is **4280953386**.

A 20% lighter version of the original color is **4285810153**, and **4278190202** is the 20% darker color. If you saturate the color by 10%, you get **4280680624**, and if you desaturate by 10%, it is **4282327216**.

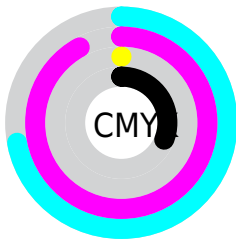
Distribution



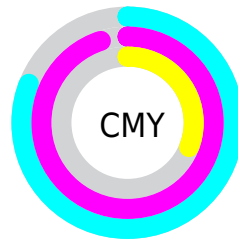
- Red (19%)
- Green (5%)
- Blue (69%)



- Red (19%)
- Yellow (5%)
- Blue (69%)



- Cyan (72%)
- Magenta (92%)
- Yellow (0%)
- Black (31%)



- Cyan (81%)
- Magenta (95%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281405104 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 4281405104 by changing the saturation by 10% instead.



4281405104



4281405104

4294967295



4278190228



4285810153



4278190202



4287848447



4278190176



4289821183



4278192199



4291794175



4278191152



4293832703



4278190362



4294953983



4278190080



4294961407



4281405104



4281405104

■ 4280680624

■ 4282327216

■ 4283249072

■ 4284105648

■ 4285027504

■ 4285949616

■ 4286871728

■ 4287793584

■ 4288650160

■ 4289572016

Harmonies

Analogous

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



4278207439



4281405104



4287823987

Triad

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



4281405104



4285536256



4278210378

Complementary

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



4281405104



4287475726

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.



4278209792



4281405104



4281810176

Square

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



4281405104



4288151552



4278208768



4278210961

Rectangle

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



4281405104



4289069124



4278208768



4278210096

Sweetspot

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



4281405104



4289963494



4279144624



4283714675



4294111986



4285756275

Same Dimension

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



4281405104



4281467110



4286516912



4283584601



4280352921



4278583322

Inverse Universe

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



4289728141



4293263540



4282363918



4284043351



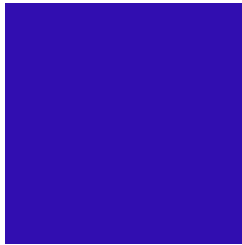
4288217208



4279894036

Previews

White Background



This preview shows how the Android color 4281405104 looks on a white background.

Color Contrast Check

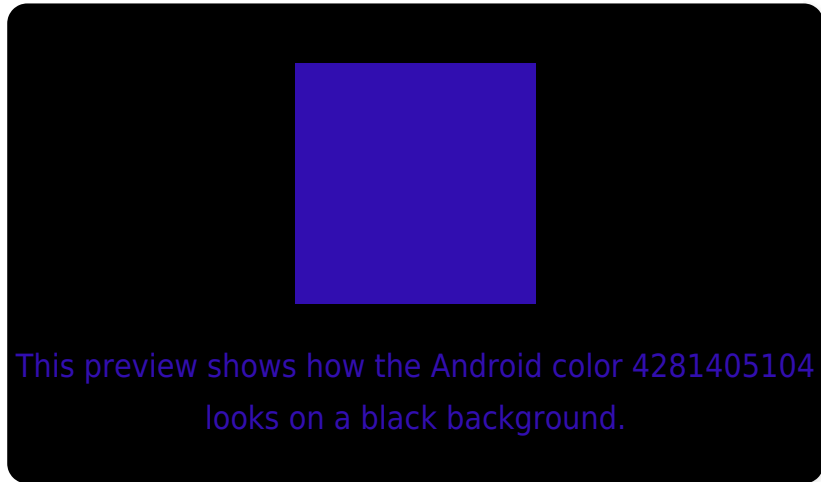
Large Text (above 18pt) WCAG AA ✓ Pass

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

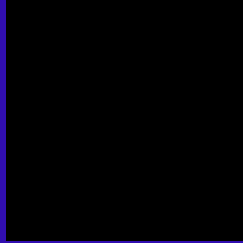
Any Text WCAG AA × Fail

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 4281405104 Background



This preview shows how black text looks on a background with the Android color 4281405104.



This preview shows how white text looks on a background with the Android color 4281405104.

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
4281405104

Protanopia
4278204534

Deuteranopia
4278205540

Trichromacy



Original Color
4281405104

Protanomaly
4279380363

Deuteranomaly
4279380864

Tritanomaly
4279381611

Monochromacy



Original Color
4281405104

Achromatopsia
4281019179

Achromatomaly
4281147483

CSS Examples

Text

The CSS property to change the color of the text to Android 4281405104 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, 14, 176)` looks like.

```
.text, #text, p{  
    color:rgb(49, 14, 176)  
}
```

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, 14, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 14, 176) }
```

Border

The CSS property to change the border of an element to Android 4281405104 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, 14, 176) }
```

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

```
.border{ border-color:rgb(49, 14, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 14, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 14, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 14, 176);  
box-shadow:4px 4px 4px 4px rgb(49, 14,  
176) }
```

Background

The CSS property to change the background color of an element to Android 4281405104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 14, 176) }
```

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

```
.background{ background-color: rgb(49, 14,  
176) }
```

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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