

Converting Colors

Android(4278849947)

Have a look what the booklet for
Android(4278849947) contains.

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Color

Android(4278849947)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 0A119B |
| RGB | 10, 17, 155 |
| RGB Percent | 4%, 7%, 61% |
| CMY | 0.9608, 0.9333, 0.3922 |
| CMYK | 0.94, 0.89, 0.00, 0.39 |
| HSL | 237°, 88%, 32% |
| HSV | 237°, 94%, 61% |
| XYZ | 6.2420, 2.8320, 31.2280 |
| YIQ | 30.6390, -48.4700, 41.4340 |

Conversions

Conversions Part 2

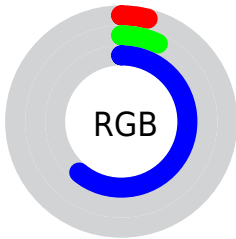
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 10, 17, 155 |
| Decimal | 659867 |
| CIE _{Lab} | 19.36, 49.32, -70.93 |
| CIE _{LCh} | 19, 86.394, 304.813 |
| Yxy | 2.8320, 0.1549, 0.0703 |
| Android (android.graphics.Color) | 4278849947 (0xFF0A119B) |
| YUV | 30.6390, 61.3100, -18.1004 |
| Hunter-Lab | 16.8285, 36.7592, -98.2421 |

Details

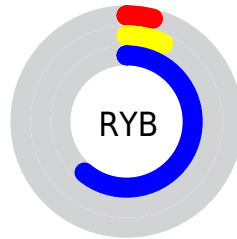
The Android color **4278849947** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4288386058**, and the grayscale version is **4280163870**.

A 20% lighter version of the original color is **4284302035**, and **4278190182** is the 20% darker color. If you saturate the color by 10%, you get **4278192027**, and if you desaturate by 10%, it is **4279836827**.

Distribution



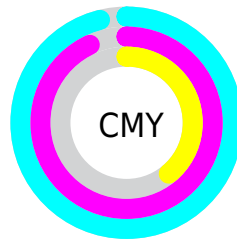
- Red (4%)
- Green (7%)
- Blue (61%)



- Red (4%)
- Yellow (7%)
- Blue (61%)



- Cyan (94%)
- Magenta (89%)
- Yellow (0%)
- Black (39%)



- Cyan (96%)
- Magenta (93%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278849947 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 4278849947 by changing the saturation by 10% instead.



4278849947



4278849947

4294967039



4278190208



4284302035



4278190182



4286274288



4278191949



4288247039



4278191413



4290219775



4278190623



4292192767



4278190082



4294166015



4278190080



4294959615



4278849947



4278849947

■ 4278192027

■ 4279836827

■ 4280889243

■ 4281875867

■ 4282928283

■ 4283915163

■ 4284967579

■ 4285954203

■ 4287006619

■ 4287993499

Harmonies

Analogous

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



4278204851



4278849947



4286185574

Triad

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



4278849947



4284615424



4278207032

Complementary

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



4278849947



4288386058

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.



4278206464



4278849947



4281479424

Square

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



4278849947



4286840832



4278205440



4278207608

Rectangle

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



4278849947



4287496253



4278205440



4278207010

Sweetspot

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



4278849947



4287730889



4278885268



4282598758



4293322470



4284900966

Same Dimension

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



4278849947



4278192841



4283107995



4282729805



4278192012



4278190349

Inverse Universe

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



4288350737



4291362826



4284128010



4283254085



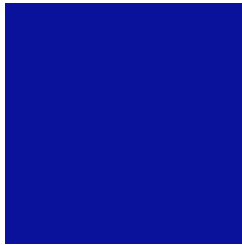
4287365127



4279042049

Previews

White Background



This preview shows how the Android color 4278849947 looks on a white background.

Color Contrast Check

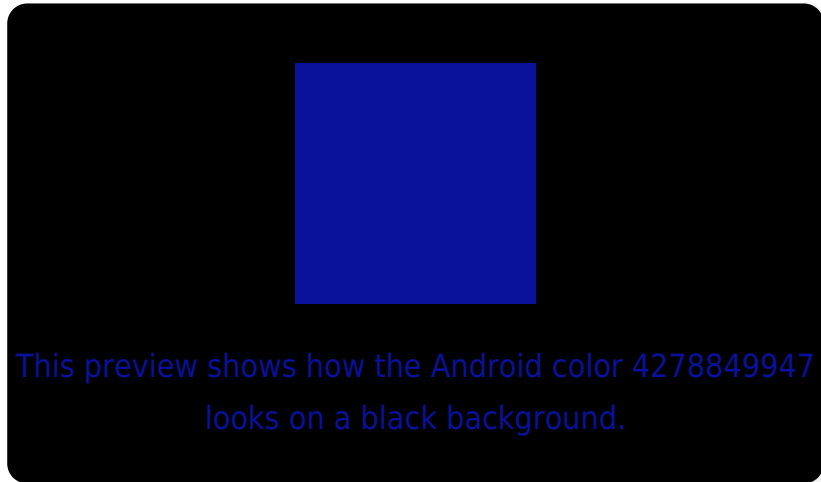
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278849947 Background



This preview shows how black text looks on a background with the Android color 4278849947.



This preview shows how white text looks on a background with the Android color 4278849947.

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

4278849947

Protanopia

4278202210

Deuteranopia

4278202963

Trichromacy



Original Color
4278849947

Protanomaly
4278461559

Deuteranomaly
4278462061

Tritanomaly
4278462812

Monochromacy



Original Color
4278849947

Achromatopsia
4280229663

Achromatomaly
4279704140

CSS Examples

Text

The CSS property to change the color of the text to Android 4278849947 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(10, 17, 155)` looks like.

```
.text, #text, p{  
    color:rgb(10, 17, 155)  
}
```

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(10, 17, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 17, 155) }
```

Border

The CSS property to change the border of an element to Android 4278849947 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(10, 17, 155) }
```

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

```
.border{ border-color:rgb(10, 17, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 17, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 17, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 17, 155);  
box-shadow:4px 4px 4px 4px rgb(10, 17,  
155) }
```

Background

The CSS property to change the background color of an element to Android 4278849947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 17, 155) }
```

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

```
.background{ background-color: rgb(10, 17,  
155) }
```

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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