

Converting Colors

Android(4278780103)

Have a look what the booklet for
Android(4278780103) contains.

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Color

Android(4278780103)

Conversions

Conversions Part 1

Format	Color
Hex	0900C7
RGB	9, 0, 199
RGB Percent	4%, 0%, 78%
CMY	0.9647, 1.0000, 0.2196
CMYK	0.95, 1.00, 0.00, 0.22
HSL	243°, 100%, 39%
HSV	243°, 100%, 78%
XYZ	10.4215, 4.1816, 54.2907
YIQ	25.3770, -58.5150, 63.7970

Conversions

Conversions Part 2

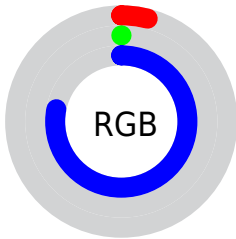
Format	Color
R_{YB}	9, 0, 199
Decimal	590023
CIE Lab	24.26, 65.77, -89.17
CIE LCh	24, 110.803, 306.409
Yxy	4.1816, 0.1513, 0.0607
Android (android.graphics.Color)	4278780103 (0xFF0900C7)
YUV	25.3770, 85.5961, -14.3626
Hunter-Lab	20.4490, 55.1838, -143.0969

Details

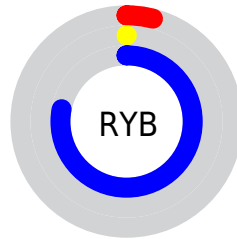
The Android color **4278780103** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **4290692864**, and the grayscale version is **4279834905**.

A 20% lighter version of the original color is **4285218815**, and **4278190223** is the 20% darker color. If you saturate the color by 10%, you get **4278780103**, and if you desaturate by 10%, it is **4280030407**.

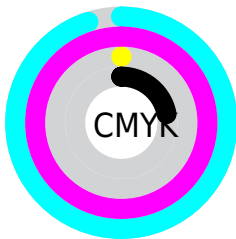
Distribution



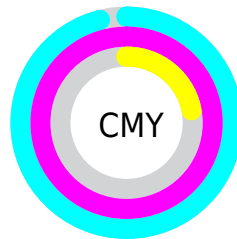
- Red (4%)
- Green (0%)
- Blue (78%)



- Red (4%)
- Yellow (0%)
- Blue (78%)



- Cyan (95%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)



- Cyan (96%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278780103 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 4278780103 by changing the saturation by 10% instead.

 4278780103

 4278780103

4294967295

 4278190251

 4285218815


 4278190223

 4287388159

 4278190196

 4289492223

 4278193499

 4291530751

 4278191938

 4293634815

 4278190891

 4294952703

 4278190357

 4294960127

 4278190080

 4278780103

 4280030407

 4281280711

 4282531015

 4283781319

 4285031623

 4286281671

 4287531975

 4288782279

 4290032583

Harmonies

Analogous

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



4278208490



4278780103



4288610431

Triad

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



4278780103



4286121728



4278210891

Complementary

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



4278780103



4290692864

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.



4278210304



4278780103



4281875968

Square

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



4278780103



4289069056



4278209024



4278211743

Rectangle

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



4278780103



4290183240



4278209024



4278210605

Sweetspot

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



4278780103



4290163711



4278239431



4283716224



4278190080



4286611584

Same Dimension

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



4278780103



4278976767



4285137095



4284111459



4278648995



4278321188

Inverse Universe

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



4291231934



4294902003



4284335872



4284701283



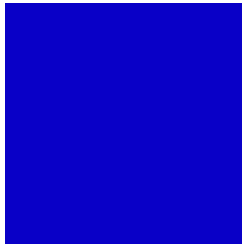
4288872604



4280549410

Previews

White Background



This preview shows how the Android color 4278780103 looks on a white background.

Color Contrast Check

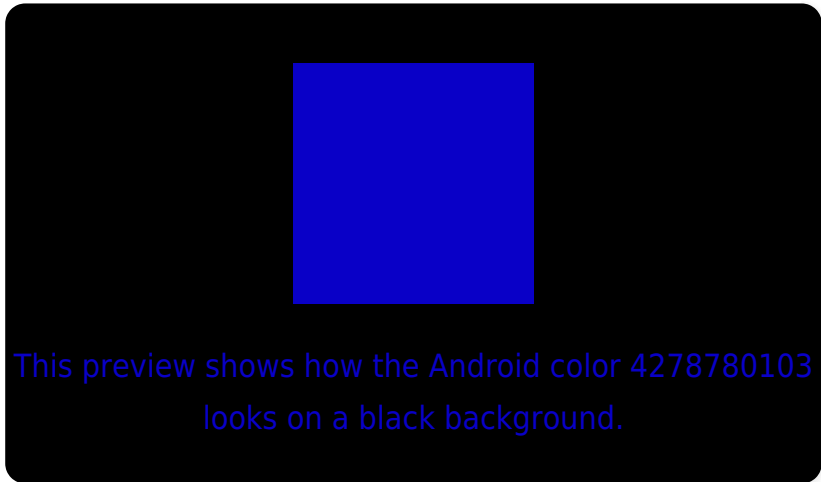
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278780103 Background



This preview shows how black text looks on a background with the Android color 4278780103.



This preview shows how white text looks on a background with the Android color 4278780103.

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
4278780103

Protanopia
4278205050

Deuteranopia
4278206055

Trichromacy



Original Color

4278780103

Protanomaly

4278396310

Deuteranomaly

4278396810

Tritanomaly

4278397813

Monochromacy



Original Color

4278780103

Achromatopsia

4279834905

Achromatomaly

4279439448

CSS Examples

Text

The CSS property to change the color of the text to Android 4278780103 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(9, 0, 199)` looks like.

```
.text, #text, p{  
    color:rgb(9, 0, 199)  
}
```

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(9, 0, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 0, 199) }
```

Border

The CSS property to change the border of an element to Android 4278780103 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(9, 0, 199) }
```

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

```
.border{ border-color:rgb(9, 0, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 0, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 0, 199); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 0, 199); box-shadow:4px  
4px 4px 4px rgb(9, 0, 199) }
```

Background

The CSS property to change the background color of an element to Android 4278780103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 0, 199) }
```

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

```
.background{ background-color: rgb(9, 0,  
199) }
```

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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