

Converting Colors

Android(4278780123)

Have a look what the booklet for
Android(4278780123) contains.

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Color

Android(4278780123)

Conversions

Conversions Part 1

Format	Color
Hex	0900DB
RGB	9, 0, 219
RGB Percent	4%, 0%, 86%
CMY	0.9647, 1.0000, 0.1412
CMYK	0.96, 1.00, 0.00, 0.14
HSL	242°, 100%, 43%
HSV	242°, 100%, 86%
XYZ	12.8988, 5.1725, 67.3364
YIQ	27.6570, -64.9350, 70.0170

Conversions

Conversions Part 2

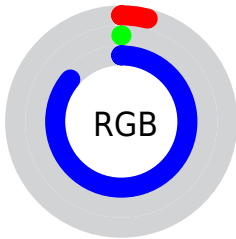
Format	Color
R _Y B	9, 0, 219
Decimal	590043
CIE Lab	27.22, 70.65, -95.88
CIE LCh	27, 119.096, 306.385
Yxy	5.1725, 0.1510, 0.0606
Android (android.graphics.Color)	4278780123 (0xFF0900DB)
YUV	27.6570, 94.3321, -16.3622
Hunter-Lab	22.7432, 61.4357, -159.6209

Details

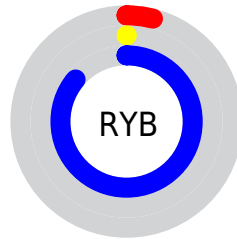
The Android color `4278780123` is a dark color, and the websafe version is hex `0000CC`. The color can be described as dark washed blue. A complement of this color would be `4292008704`, and the grayscale version is `4279966491`.

A 20% lighter version of the original color is `4285547263`, and `4278190242` is the 20% darker color. If you saturate the color by 10%, you get `4278780123`, and if you desaturate by 10%, it is `4280162011`.

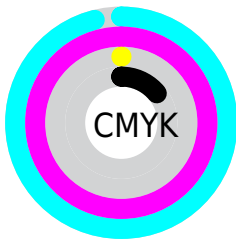
Distribution



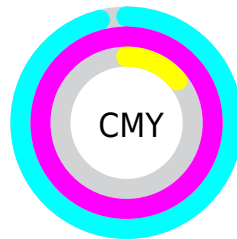
- Red (4%)
- Green (0%)
- Blue (86%)



- Red (4%)
- Yellow (0%)
- Blue (86%)



- Cyan (96%)
- Magenta (100%)
- Yellow (0%)
- Black (14%)



- Cyan (96%)
- Magenta (100%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278780123 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 4278780123 by changing the saturation by 10% instead.

 4278780123

 4278780123

4294967295

 4278190270

 4285547263

 4278190242

 4287847935

 4278190215

 4289951999

 4278191980

 4292056063

 4278192979

 4294160383

 4278191675

 4294953983

 4278190628


 4294961407

 4278190092

 4278190080

 4278780123

 4280162011

 4281543899

 4282925787

 4284307675

 4285689563

 4287071195

 4288453083

 4289834971

 4291216859

Harmonies

Analogous

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



4278210559



4278780123



4289724556

Triad

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



4278780123



4286908672



4278212947

Complementary

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



4278780123



4292008704

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.



4278212352



4278780123



4282270976

Square

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



4278780123



4290183168



4278211328



4278214063

Rectangle

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



4278780123



4291362896



4278211328



4278212659

Sweetspot

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



4278780123



4290163711



4278244571



4283650688



4278190080



4286611584

Same Dimension

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



4278780123



4278845695



4285858011



4284703598



4278649005



4278321198

Inverse Universe

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



4292542674



4294902005



4284930816



4285424493



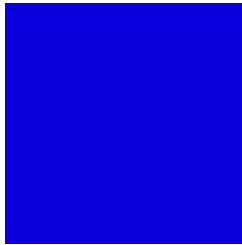
4289527974



4281204780

Previews

White Background



This preview shows how the Android color 4278780123 looks on a white background.

Color Contrast Check

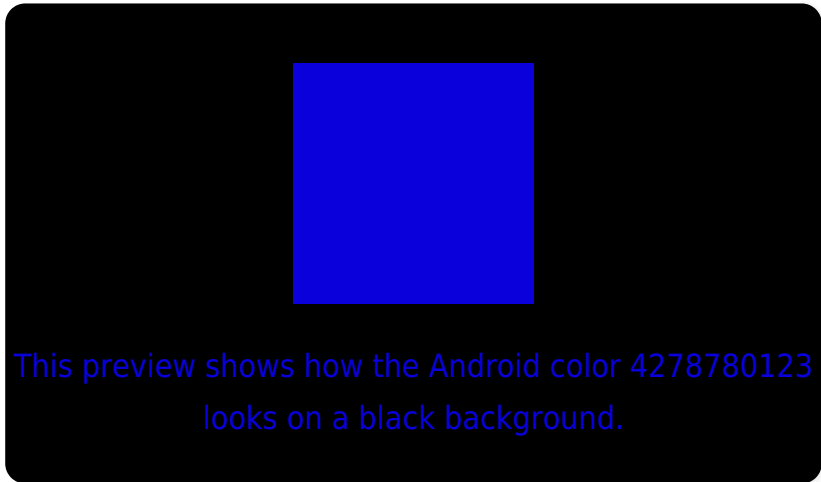
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278780123 Background



This preview shows how black text looks on a background with the Android color 4278780123.



This preview shows how white text looks on a background with the Android color 4278780123.

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
4278780123

Protanopia
4278206598

Deuteranopia
4278207602

Trichromacy



Original Color

4278780123

Protanomaly

4278397349

Deuteranomaly

4278397848

Tritanomaly

4278398849

Monochromacy



Original Color

4278780123

Achromatopsia

4280032284

Achromatomaly

4279571041

CSS Examples

Text

The CSS property to change the color of the text to Android 4278780123 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(9, 0, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 0, 219) }
```

Border

The CSS property to change the border of an element to Android 4278780123 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, 219) }
```

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

```
.border{ border-color:rgb(9, 0, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 0, 219); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 0, 219); box-shadow:4px  
4px 4px 4px rgb(9, 0, 219) }
```

Background

The CSS property to change the background color of an element to Android 4278780123 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, 219) }
```

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

```
.background{ background-color: rgb(9, 0,  
219) }
```

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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