

Converting Colors

Android(4278517931)

Have a look what the booklet for
Android(4278517931) contains.

Android(4278517931)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278517931)

Conversions

Conversions Part 1

Format	Color
Hex	0500AB
RGB	5, 0, 171
RGB Percent	2%, 0%, 67%
CMY	0.9804, 1.0000, 0.3294
CMYK	0.97, 1.00, 0.00, 0.33
HSL	242°, 100%, 34%
HSV	242°, 100%, 67%
XYZ	7.4133, 2.9725, 38.7111
YIQ	20.9890, -51.9110, 54.2410

Conversions

Conversions Part 2

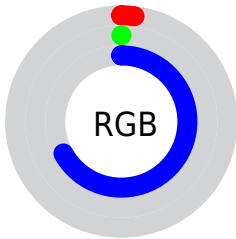
Format	Color
R _Y B	5, 0, 171
Decimal	327851
CIE Lab	19.93, 58.74, -79.73
CIE LCh	20, 99.033, 306.382
Yxy	2.9725, 0.1510, 0.0605
Android (android.graphics.Color)	4278517931 (0xFF0500AB)
YUV	20.9890, 73.9554, -14.0224
Hunter-Lab	17.2411, 46.5792, -121.0543

Details

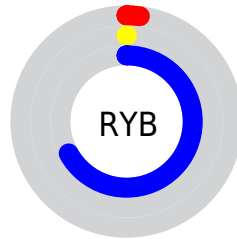
The Android color **4278517931** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4289112832**, and the grayscale version is **4279505940**.

A 20% lighter version of the original color is **4284627684**, and **4278190197** is the 20% darker color. If you saturate the color by 10%, you get **4278517931**, and if you desaturate by 10%, it is **4279636395**.

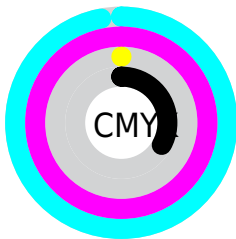
Distribution



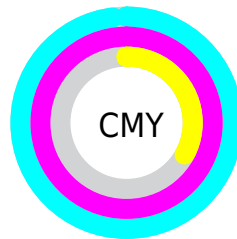
- Red (2%)
- Green (0%)
- Blue (67%)



- Red (2%)
- Yellow (0%)
- Blue (67%)



- Cyan (97%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (98%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278517931 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 4278517931 by changing the saturation by 10% instead.

 4278517931

 4278517931

 4294965759

 4278190224

 4284627684

 4278190197

 4286665983

 4278190683

 4288704255

 4278191939

 4290742527

 4278190891

 4292715519

 4278190358

 4294754303

 4278190080

 4294958335

 4278517931

■ 4279636395

■ 4280689323

■ 4281807787

■ 4282860715

■ 4283979179

■ 4285097899

■ 4286150827

■ 4287269291

■ 4288322219

Harmonies

Analogous

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



4278205642



4278517931



4287168620

Triad

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



4278517931



4284941568



4278207551

Complementary

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



4278517931



4289112832

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.



4278207232



4278517931



4281218048

Square

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



4278517931



4287496192



4278206208



4278208648

Rectangle

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



4278517931



4288479293



4278206208



4278207269

Sweetspot

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



4278517931



4288519134



4278233259



4282992752



4293980400



4285558896

Same Dimension

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



4278517931



4278583518



4283957419



4283321943



4278452374



4278255639

Inverse Universe

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



4289396902



4292739287



4283673344



4283911766



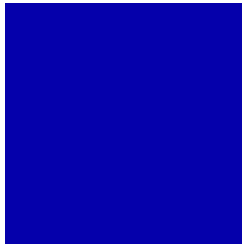
4288020626



4279697430

Previews

White Background



This preview shows how the Android color 4278517931 looks on a white background.

Color Contrast Check

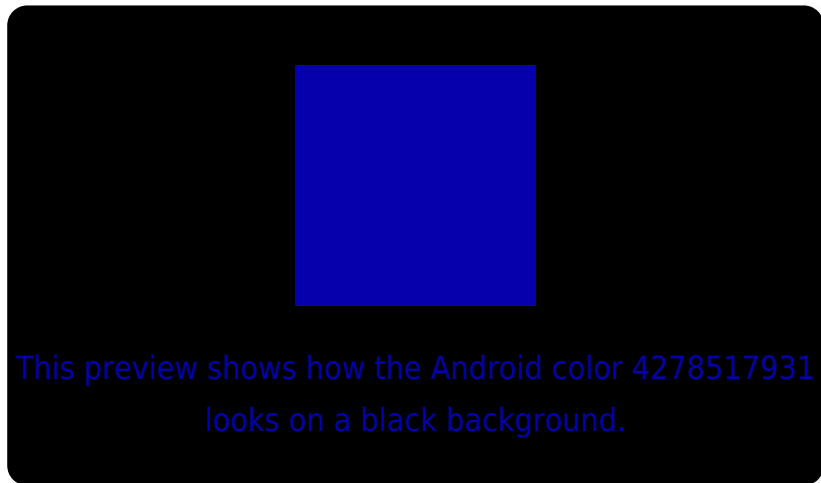
Large Text (above 18pt) WCAG AA ✓ Pass

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

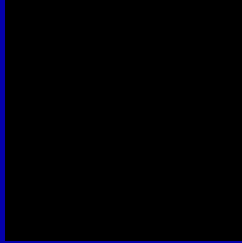
Any Text WCAG AA × Fail

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 4278517931 Background



This preview shows how black text looks on a background with the Android color 4278517931.



This preview shows how white text looks on a background with the Android color 4278517931.

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
4278517931

Protanopia
4278202985

Deuteranopia
4278203737

Trichromacy



Original Color
4278517931

Protanomaly
4278329473

Deuteranomaly
4278329975

Tritanomaly
4278330724

Monochromacy



Original Color
4278517931

Achromatopsia
4279571733

Achromatomaly
4279176524

CSS Examples

Text

The CSS property to change the color of the text to Android 4278517931 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(5, 0, 171)` looks like.

```
.text, #text, p{  
    color:rgb(5, 0, 171)  
}
```

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(5, 0, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 0, 171) }
```

Border

The CSS property to change the border of an element to Android 4278517931 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(5, 0, 171) }
```

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

```
.border{ border-color:rgb(5, 0, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 0, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 0, 171); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 0, 171); box-shadow:4px  
4px 4px 4px rgb(5, 0, 171) }
```

Background

The CSS property to change the background color of an element to Android 4278517931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 0, 171) }
```

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

```
.background{ background-color: rgb(5, 0,  
171) }
```

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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