

# Converting Colors

Android(4278911146)

Have a look what the booklet for  
Android(4278911146) contains.

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# Color

**Android(4278911146)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0B00AA
RGB	11, 0, 170
RGB Percent	4%, 0%, 67%
CMY	0.9569, 1.0000, 0.3333
CMYK	0.94, 1.00, 0.00, 0.33
HSL	244°, 100%, 33%
HSV	244°, 100%, 67%
XYZ	7.3937, 2.9734, 38.2144
YIQ	22.6690, -48.0140, 55.2020

# Conversions

## Conversions Part 2

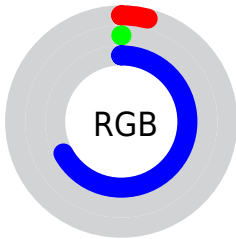
Format	Color
<a href="#">RYB</a>	11, 0, 170
Decimal	721066
CIELab	19.94, 58.54, -79.12
CIELCh	20, 98.418, 306.499
Yxy	2.9734, 0.1522, 0.0612
Android (android.graphics.Color)	4278911146 (0xFF0B00AA)
YUV	22.6690, 72.6342, -10.2337
Hunter-Lab	17.2436, 46.3608, -119.3249

# Details

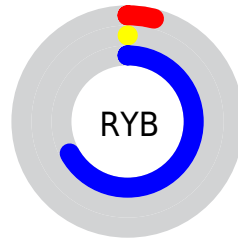
The Android color **4278911146** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4288653824**, and the grayscale version is **4279637526**.

A 20% lighter version of the original color is **4284627683**, and **4278190196** is the 20% darker color. If you saturate the color by 10%, you get **4278911146**, and if you desaturate by 10%, it is **4279964074**.

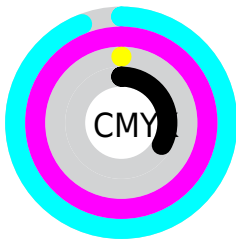
# Distribution



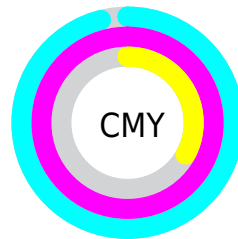
- Red (4%)
- Green (0%)
- Blue (67%)



- Red (4%)
- Yellow (0%)
- Blue (67%)



- Cyan (94%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (96%)
- Magenta (100%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278911146 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 4278911146 by changing the saturation by 10% instead.



 4278911146

 4278911146

 4294965759

 4278190223

 4284627683

 4278190196

 4286731519

 4278190426

 4288769791

 4278191938

 4290742527

 4278190891

 4292781055

 4278190357


 4294819839

 4278190080

 4294958335

 4278911146

 4279964074

 4281017002

 4282069930

 4283122858

 4284110250

 4285163178

 4286216106

 4287269034

 4288321962

# Harmonies

## Analogous

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



4278205641



4278911146



4287103084

# Triad

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



4278911146



4284941824



4278207551

# Complementary

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



4278911146



4288653824

# 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



4278911146



4281218048

# Square

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



4278911146



4287496192



4278206208



4278208648

# Rectangle

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



4278911146



4288413757



4278206208



4278207270



# Sweetspot

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



4278911146



4288715742



4278231722



4283058288



4293980400



4285558896



# Same Dimension

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



4278911146



4279107806



4284285098



4283190356



4278845588



4278255636



# Inverse Universe

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



4289331359



4292739279



4283214336



4283714644



4287889546

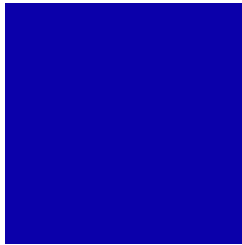


4279500819



# Previews

## White Background



This preview shows how the Android color 4278911146 looks on a white background.

## Color Contrast Check

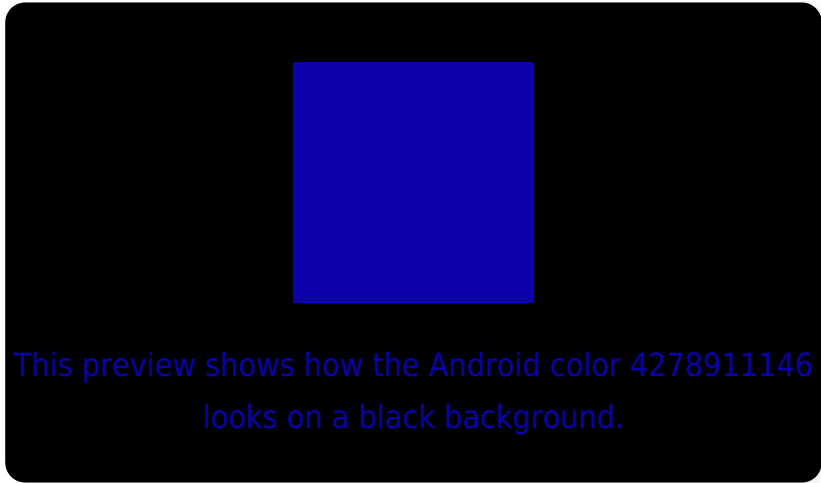
Large Text (above 18pt) WCAG AA ✓ Pass

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

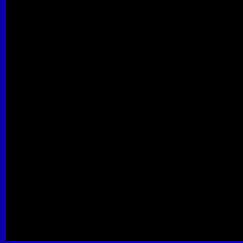
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278911146 Background



This preview shows how black text looks on a background with the Android color 4278911146.



This preview shows how white text looks on a background with the Android color 4278911146.

# 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**

4278911146

**Protanopia**

4278202984

**Deuteranopia**

4278203736



# Trichromacy



**Original Color**

4278911146

**Protanomaly**

4278460544

**Deuteranomaly**

4278461046

**Tritanomaly**

4278461540

# Monochromacy



**Original Color**

4278911146

**Achromatopsia**

4279703319

**Achromatomaly**

4279439180

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278911146 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(11, 0, 170)` looks like.

```
.text, #text, p{  
    color:rgb(11, 0, 170)  
}
```

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(11, 0, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 0, 170) }
```

## Border

The CSS property to change the border of an element to Android 4278911146 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(11, 0, 170) }
```

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

```
.border{ border-color:rgb(11, 0, 170) }
```

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

Here you see how a box with a 4 pixel rgb(11, 0, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 0, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 0, 170);  
box-shadow:4px 4px 4px 4px rgb(11, 0, 170)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278911146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 0, 170) }
```

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

```
.background{ background-color: rgb(11, 0,  
170) }
```

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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