

# Converting Colors

Android(4278196735)

Have a look what the booklet for  
Android(4278196735) contains.

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# Color

**Android(4278196735)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0019FF
RGB	0, 25, 255
RGB Percent	0%, 10%, 100%
CMY	1.0000, 0.9020, 0.0000
CMYK	1.00, 0.90, 0.00, 0.00
HSL	234°, 100%, 50%
HSV	234°, 100%, 100%
XYZ	18.3976, 7.9153, 95.1659
YIQ	43.7450, -88.7300, 66.2300

# Conversions

## Conversions Part 2

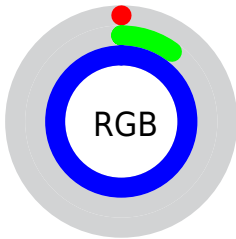
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 23, 255
Decimal	6655
CIELab	33.81, 74.55, -105.35
CIElCh	34, 129.059, 305.285
Yxy	7.9153, 0.1514, 0.0652
Android (android.graphics.Color)	4278196735 (0xFF0019FF)
YUV	43.7450, 104.1487, -38.3644
Hunter-Lab	28.1341, 67.4913, -180.8596

# Details

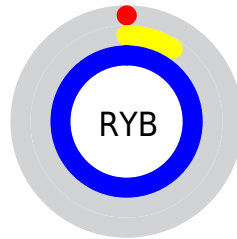
The Android color **4278196735** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **4294960640**, and the grayscale version is **4281019179**.

A 20% lighter version of the original color is **4286075647**, and **4278190276** is the 20% darker color. If you saturate the color by 10%, you get **4278196735**, and if you desaturate by 10%, it is **4279841023**.

# Distribution



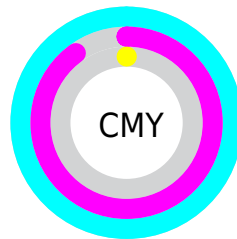
- Red (0%)
- Green (10%)
- Blue (100%)



- Red (0%)
- Yellow (9%)
- Blue (100%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278196735 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 4278196735 by changing the saturation by 10% instead.





4278196735



4278196735

4294967295



4278190305



4286075647



4278190276



4288441855



4278190248



4290676991



4278190220



4292846591



4278194545



4294951167



4278193240



4294958335



4278191935



4294966015




4278190889



4278190354

 4278196735

 4279841023

 4281550847


 4283260671

 4284904959

 4286614783

 4288259071

 4289968895

 4291613183

 4293323007

# Harmonies

## Analogous

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



4278215167



4278196735



4291428520

# Triad

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



4278196735



4288745728



4278217825

# Complementary

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



4278196735



4294960640

# 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.



4278216960



4278196735



4283585280

# Square

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



4278196735



4292345856



4278215680



4278218952

# Rectangle

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



4278196735



4293460069



4278215680



4278217532



# Sweetspot

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



4278196735



4289968895



4278255589



4283586176



4278190080



4286611584



# Same Dimension

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



4278196735



4284875007



4285756544



4278195135



4278191680

# Inverse Universe

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



4294901785



4288282368



4286608244



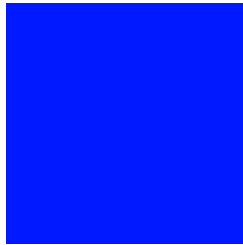
4290707475



4282384390

# Previews

## White Background



This preview shows how the Android color 4278196735 looks on a white background.

## Color Contrast Check

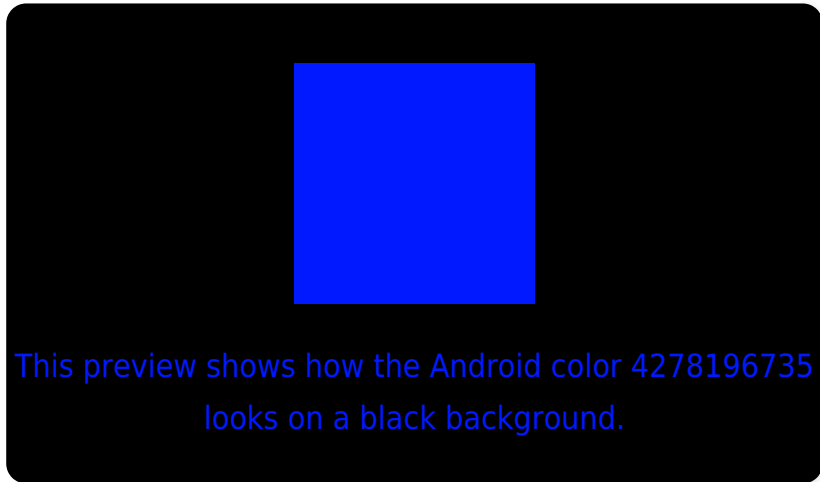
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278196735 Background



This preview shows how black text looks on a background with the Android color 4278196735.



This preview shows how white text looks on a background with the Android color 4278196735.

# 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**

4278196735

**Protanopia**

4278209696

**Deuteranopia**

4278211208





# Trichromacy



**Original Color**

4278196735

**Protanomaly**

4278204867

**Deuteranomaly**

4278205875

**Tritanomaly**

4278206871

# Monochromacy



**Original Color**

4278196735

**Achromatopsia**

4281084972

**Achromatomaly**

4280034681

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278196735 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(0, 25, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 25, 255)  
}
```

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(0, 25, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 25, 255) }
```

## Border

The CSS property to change the border of an element to Android 4278196735 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(0, 25, 255) }
```

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

```
.border{ border-color:rgb(0, 25, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 25, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 25, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 25, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 25, 255)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278196735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 25, 255) }
```

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

```
.background{ background-color: rgb(0, 25,  
255) }
```

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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