

# Converting Colors

Android(4278190259)

Have a look what the booklet for  
Android(4278190259) contains.

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# Color

**Android(4278190259)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0000B3
RGB	0, 0, 179
RGB Percent	0%, 0%, 70%
CMY	1.0000, 1.0000, 0.2980
CMYK	1.00, 1.00, 0.00, 0.30
HSL	240°, 100%, 35%
HSV	240°, 100%, 70%
XYZ	8.1367, 3.2547, 42.8472
YIQ	20.4060, -57.4590, 55.6690

# Conversions

## Conversions Part 2

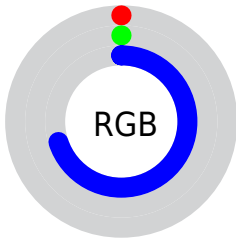
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 0, 179
Decimal	179
CIELab	21.04, 60.72, -82.71
CIELCh	21, 102.604, 306.287
Yxy	3.2547, 0.1500, 0.0600
Android (android.graphics.Color)	4278190259 (0xFF0000B3)
YUV	20.4060, 78.1868, -17.8961
Hunter-Lab	18.0407, 48.9354, -128.1869

# Details

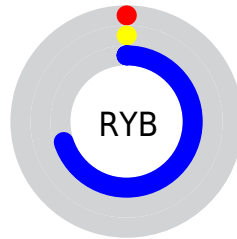
The Android color **4278190259** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **4289966848**, and the grayscale version is **4279505940**.

A 20% lighter version of the original color is **4284693484**, and **4278190205** is the 20% darker color. If you saturate the color by 10%, you get **4278190259**, and if you desaturate by 10%, it is **4279374515**.

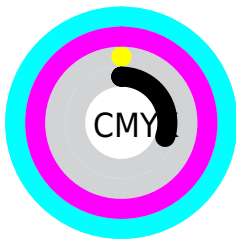
# Distribution



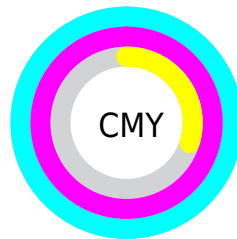
- Red (0%)
- Green (0%)
- Blue (70%)



- Red (0%)
- Yellow (0%)
- Blue (70%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (100%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278190259 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 4278190259 by changing the saturation by 10% instead.



 4278190259

 4278190259

 4294966271

 4278190231

 4284693484

 4278190205

 4286797311

 4278190178

 4288835583

 4278192457

 4290874111

 4278191154

 4292912639

 4278190364

 4294951423

 4278190080

 4294958591

 4278190259

■ 4279374515

■ 4280558771

■ 4281743027

■ 4282927283

■ 4284111539

■ 4285230003

■ 4286414259

■ 4287598515

■ 4288782771

# Harmonies

## Analogous

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



4278206419



4278190259



4287561842

# Triad

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



4278190259



4285268992



4278208322

# Complementary

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



4278190259



4289966848

# 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.



4278208000



4278190259



4281415168

# Square

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



4278190259



4287954944



4278206976



4278209422

# Rectangle

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



4278190259



4288938048



4278206976



4278208039



# Sweetspot

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



4278190259



4288848616



4278236083



4283124597



4294309365



4285887861



# Same Dimension

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



4278190259



4278190312



4284088499



4283453529



4278190233



4278190106



# Inverse Universe

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



4289921203



4293394664



4284134144



4284043353



4288217241

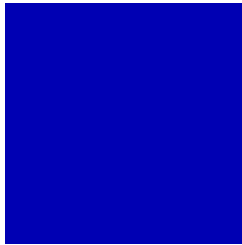


4279894042



# Previews

## White Background



This preview shows how the Android color 4278190259 looks on a white background.

## Color Contrast Check

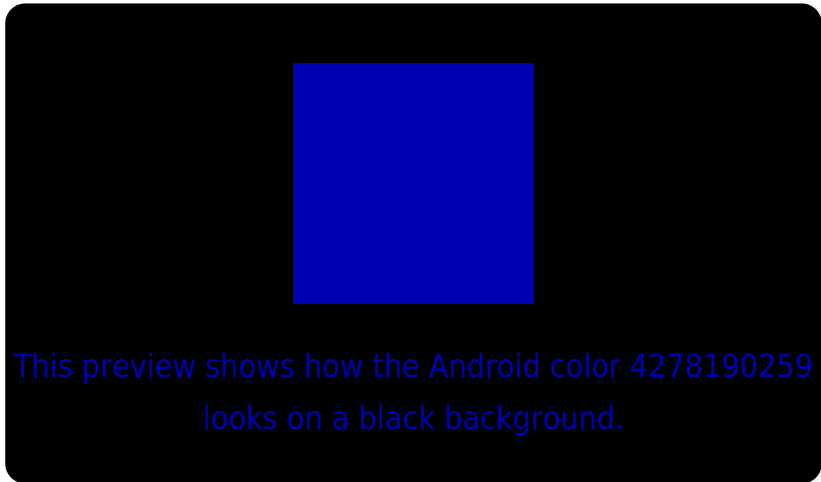
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278190259 Background



This preview shows how black text looks on a background with the Android color 4278190259.



This preview shows how white text looks on a background with the Android color 4278190259.

# 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**  
4278190259

**Protanopia**  
4278203502

**Deuteranopia**  
4278204509



# Trichromacy



**Original Color**  
4278190259

**Protanomaly**  
4278198663

**Deuteranomaly**  
4278199420

**Tritanomaly**  
4278199913

# Monochromacy



**Original Color**  
4278190259

**Achromatopsia**  
4279505940

**Achromatomaly**  
4279045454

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278190259 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, 0, 179)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 179)  
}
```

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, 0, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 179) }
```

## Border

The CSS property to change the border of an element to Android 4278190259 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, 0, 179) }
```

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

```
.border{ border-color:rgb(0, 0, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 0, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 179); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 179); box-shadow:4px  
4px 4px 4px rgb(0, 0, 179) }
```

# Background

The CSS property to change the background color of an element to Android 4278190259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 179) }
```

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

```
.background{ background-color: rgb(0, 0,  
179) }
```

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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