

# Converting Colors

Android(4278200736)

Have a look what the booklet for  
Android(4278200736) contains.

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# Color

**Android(4278200736)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0029A0
RGB	0, 41, 160
RGB Percent	0%, 16%, 63%
CMY	1.0000, 0.8392, 0.3725
CMYK	1.00, 0.74, 0.00, 0.37
HSL	225°, 100%, 31%
HSV	225°, 100%, 63%
XYZ	7.1381, 4.1239, 33.6775
YIQ	42.3070, -62.6350, 28.3170

# Conversions

## Conversions Part 2

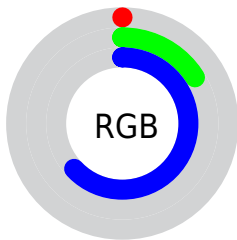
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 33, 160
Decimal	10656
CIELab	24.08, 38.21, -66.16
CIELCh	24, 76.398, 300.007
Yxy	4.1239, 0.1588, 0.0918
Android (android.graphics.Color)	4278200736 (0xFF0029A0)
YUV	42.3070, 58.0226, -37.1032
Hunter-Lab	20.3075, 27.2048, -84.1100

# Details

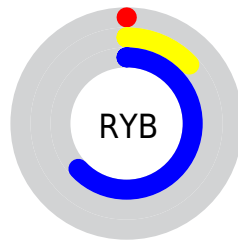
The Android color **4278200736** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4288706304**, and the grayscale version is **4280953386**.

A 20% lighter version of the original color is **4284110808**, and **4278190187** is the 20% darker color. If you saturate the color by 10%, you get **4278200736**, and if you desaturate by 10%, it is **4279252384**.

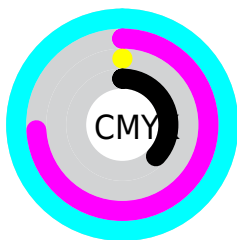
# Distribution



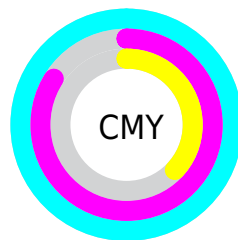
- Red (0%)
- Green (16%)
- Blue (63%)



- Red (0%)
- Yellow (13%)
- Blue (63%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (84%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278200736 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 4278200736 by changing the saturation by 10% instead.



 4278200736

 4278200736

4294967295

 4278195333

 4284110808

 4278190187

 4286083061

 4278190418

 4288055807

 4278191418

 4290028543

 4278190627

 4292001791

 4278190090

 4293975039

 4278190080

 4294965247

 4278200736

■ 4279252384

■ 4280304032

■ 4281355680

■ 4282407328

■ 4283458976

■ 4284510368

■ 4285562016

■ 4286613664

■ 4287665312

# Harmonies

## Analogous

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



4278207408



4278200736



4286054516

# Triad

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



4278200736



4285666816



4278209592

# Complementary

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



4278200736



4288706304

# 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.



4278209024



4278200736



4282857472

# Square

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



4278200736



4287496192



4278207744



4278210162

# Rectangle

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



4278200736



4287561807



4278207744



4278209571



# Sweetspot

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



4278200736



4287800017



4278231157



4282600809



4293454056



4285098345



# Same Dimension

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



4278200736



4278204113



4280615072



4282861903



4278199695



4278191119



# Inverse Universe

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



4288675881



4291887158



4286291968



4283385673



4287561765



4279173124



# Previews

## White Background



This preview shows how the Android color 4278200736 looks on a white background.

## Color Contrast Check

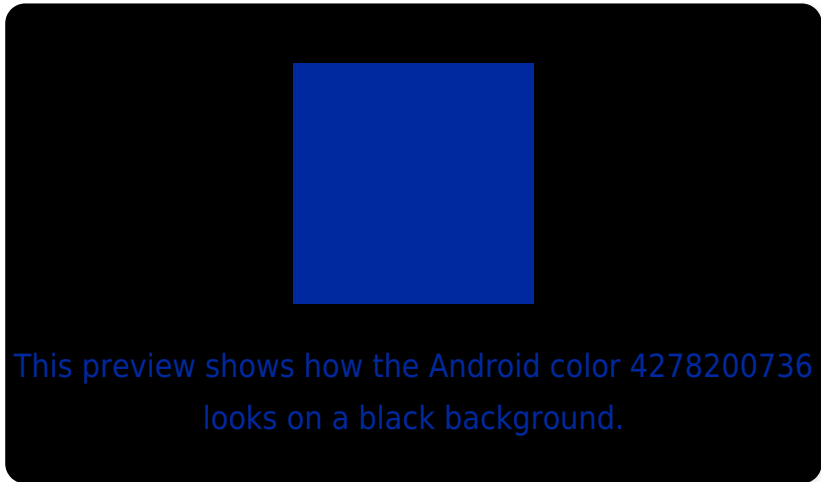
Large Text (above 18pt) WCAG AA ✓ Pass

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

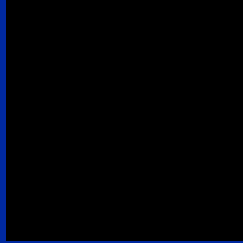
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278200736 Background



This preview shows how black text looks on a background with the Android color 4278200736.



This preview shows how white text looks on a background with the Android color 4278200736.

# 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**

4278200736

**Protanopia**

4278204534

**Deuteranopia**

4278205540

# Trichromacy



**Original Color**  
4278200736

**Protanomaly**  
4278203269

**Deuteranomaly**  
4278203770

# Monochromacy



**Original Color**  
4278200736

**Achromatopsia**  
4280953386

**Achromatomaly**  
4279970389

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278200736 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, 41, 160)` looks like.

```
.text, #text, p{  
    color:rgb(0, 41, 160)  
}
```

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, 41, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 41, 160) }
```

## Border

The CSS property to change the border of an element to Android 4278200736 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, 41, 160) }
```

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

```
.border{ border-color:rgb(0, 41, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 41, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 41, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 41, 160);  
box-shadow:4px 4px 4px 4px rgb(0, 41, 160)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278200736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 41, 160) }
```

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

```
.background{ background-color: rgb(0, 41,  
160) }
```

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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