

# Converting Colors

Android(4278200220)

Have a look what the booklet for  
Android(4278200220) contains.

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# Color

**Android(4278200220)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00279C
RGB	0, 39, 156
RGB Percent	0%, 15%, 61%
CMY	1.0000, 0.8471, 0.3882
CMYK	1.00, 0.75, 0.00, 0.39
HSL	225°, 100%, 31%
HSV	225°, 100%, 61%
XYZ	6.7263, 3.8513, 31.8414
YIQ	40.6770, -60.8010, 28.1190

# Conversions

## Conversions Part 2

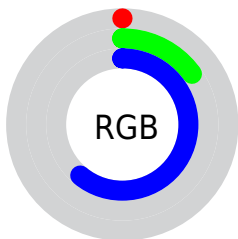
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 31, 156
Decimal	10140
CIELab	23.17, 37.96, -65.21
CIElCh	23, 75.456, 300.206
Yxy	3.8513, 0.1586, 0.0908
Android (android.graphics.Color)	4278200220 (0xFF00279C)
YUV	40.6770, 56.8542, -35.6737
Hunter-Lab	19.6248, 26.8362, -82.4609

# Details

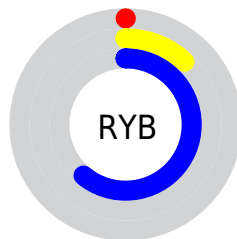
The Android color `4278200220` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4288443648`, and the grayscale version is `4280821800`.

A 20% lighter version of the original color is `4283979220`, and `4278190183` is the 20% darker color. If you saturate the color by 10%, you get `4278200220`, and if you desaturate by 10%, it is `4279251868`.

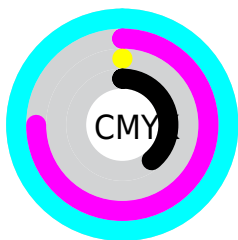
# Distribution



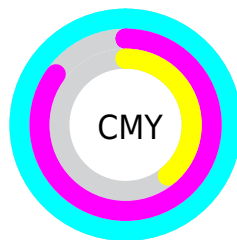
- Red (0%)
- Green (15%)
- Blue (61%)



- Red (0%)
- Yellow (12%)
- Blue (61%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (85%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278200220 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 4278200220 by changing the saturation by 10% instead.



 4278200220

 4278200220

4294967295

 4278194817

 4283979220

 4278190183

 4286017009

 4278190926

 4287924223

 4278191414

 4289896959

 4278190624

 4291869951

 4278190084

 4293843199

 4278190080

 4294964735

 4278200220

■ 4279251868

■ 4280237724

■ 4281289372

■ 4282275484

■ 4283327132

■ 4284378524

■ 4285364636

■ 4286416284

■ 4287402140

# Harmonies

## Analogous

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



4278206892



4278200220



4285857905

# Triad

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



4278200220



4285404416



4278209078

# Complementary

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



4278200220



4288443648

# 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.



4278208512



4278200220



4282725888

# Square

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



4278200220



4287234048



4278207232



4278209392

# Rectangle

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



4278200220



4287299660



4278207232



4278208802



# Sweetspot

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



4278200220



4287602380



4278230133



4282468966



4293322470



4284900966



# Same Dimension

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



4278200220



4278203340



4280746140



4282861903



4278199439



4278191119



# Inverse Universe

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



4288413735



4291559475



4285897728



4283385673



4287561764

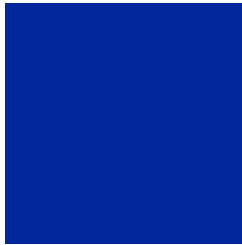


4279173124



# Previews

## White Background



This preview shows how the Android color 4278200220 looks on a white background.

## Color Contrast Check

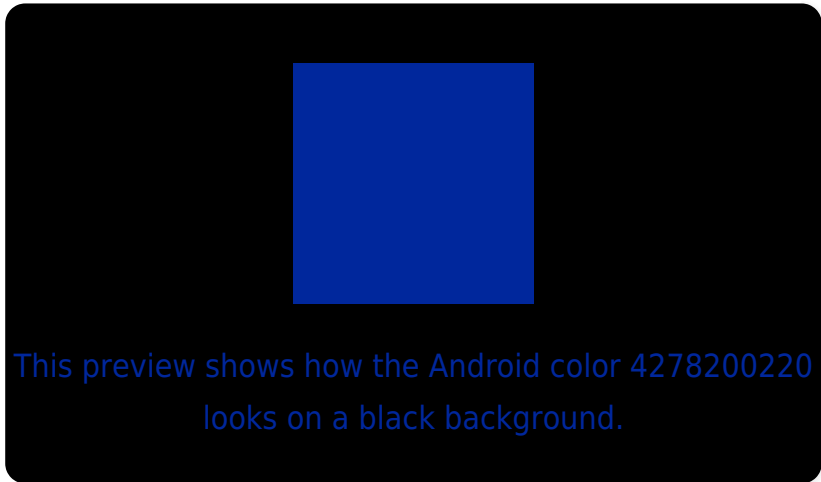
Large Text (above 18pt) WCAG AA ✓ Pass

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

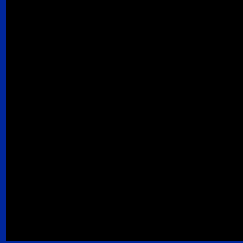
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278200220 Background



This preview shows how black text looks on a background with the Android color 4278200220.



This preview shows how white text looks on a background with the Android color 4278200220.

# 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**

4278200220

**Protanopia**

4278204018

**Deuteranopia**

4278205025



# Trichromacy



**Original Color**

4278200220

**Protanomaly**

4278202753

**Deuteranomaly**

4278203254

**Tritanomaly**

4278204003

# Monochromacy



**Original Color**

4278200220

**Achromatopsia**

4280887593

**Achromatomaly**

4279904339

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278200220 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, 39, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 39, 156)  
}
```

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, 39, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 39, 156) }
```

## Border

The CSS property to change the border of an element to Android 4278200220 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, 39, 156) }
```

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

```
.border{ border-color:rgb(0, 39, 156) }
```

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

Here you see how a box with a 4 pixel rgb(0, 39, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 39, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 39, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 39, 156)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278200220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 39, 156) }
```

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

```
.background{ background-color: rgb(0, 39,  
156) }
```

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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