

# Converting Colors

Android(4278202746)

Have a look what the booklet for  
Android(4278202746) contains.

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# Color

**Android(4278202746)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00317A
RGB	0, 49, 122
RGB Percent	0%, 19%, 48%
CMY	1.0000, 0.8078, 0.5216
CMYK	1.00, 0.60, 0.00, 0.52
HSL	216°, 100%, 24%
HSV	216°, 100%, 48%
XYZ	4.6112, 3.6018, 18.8645
YIQ	42.6710, -52.6370, 12.3150

# Conversions

## Conversions Part 2

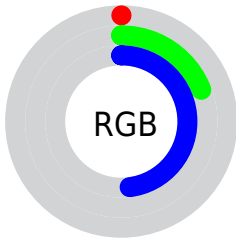
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 35, 122
Decimal	12666
CIELab	22.31, 17.24, -45.45
CIELCh	22, 48.605, 290.769
Yxy	3.6018, 0.1703, 0.1330
Android (android.graphics.Color)	4278202746 (0xFF00317A)
YUV	42.6710, 39.1092, -37.4225
Hunter-Lab	18.9783, 10.1581, -45.6497

# Details

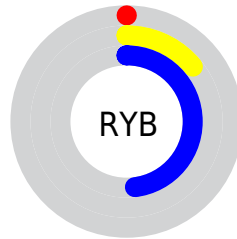
The Android color **4278202746** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4286204160**, and the grayscale version is **4280953386**.

A 20% lighter version of the original color is **4283129519**, and **4278190920** is the 20% darker color. If you saturate the color by 10%, you get **4278202746**, and if you desaturate by 10%, it is **4278990970**.

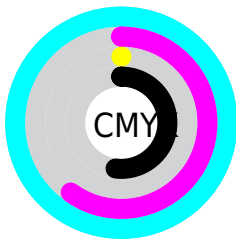
# Distribution



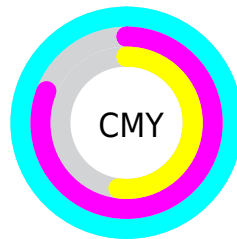
- Red (0%)
- Green (19%)
- Blue (48%)



- Red (0%)
- Yellow (14%)
- Blue (48%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (81%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278202746 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 4278202746 by changing the saturation by 10% instead.



 4278202746

 4278202746

4294967295

 4278197601

 4283129519

 4278190920

 4284970955

 4278191153

 4286812647

 4278190363

 4288719871

 4278190080

 4290561791

 4292469503

 4294443007

 4278202746

■ 4278990970

■ 4279779450

■ 4280633210

■ 4281421434

■ 4282209914

■ 4282998138

■ 4283786362

■ 4284640122

■ 4285428602

# Harmonies

## Analogous

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



4278205822



4278202746



4283702116

# Triad

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



4278202746



4284816640



4278207273

# Complementary

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



4278202746



4286204160

# 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.



4278206720



4278202746



4283183104

# Square

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



4278202746



4285661214



4281023232



4278207566

# Rectangle

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



4278202746



4285007182



4281023232



4278207260



# Sweetspot

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



4278202746



4285498014



4278221383



4281548367



4291809231



4283387727



# Same Dimension

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



4278202746



4278206366



4278845562



4281809469



4278203005



4278216188



# Inverse Universe

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



4286185521



4288544831



4285561344



4282201914



4286382130



4294705253



# Previews

## White Background



This preview shows how the Android color 4278202746 looks on a white background.

## Color Contrast Check

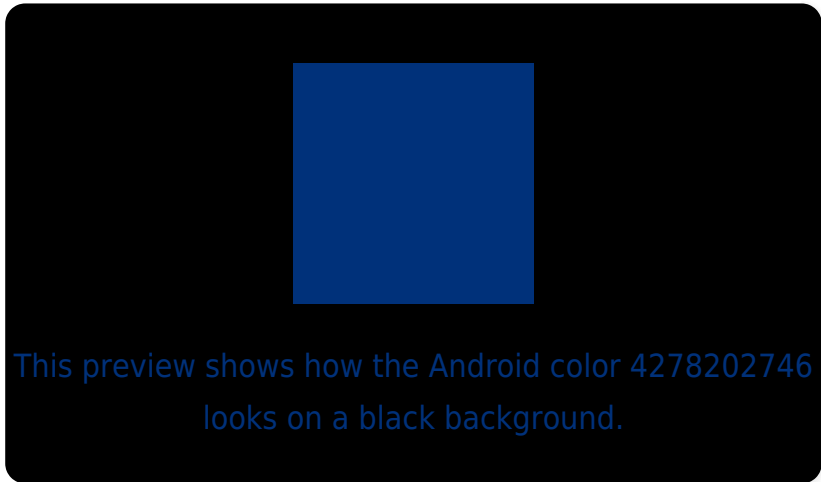
Large Text (above 18pt) WCAG AA ✓ Pass

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

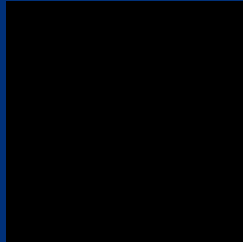
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278202746 Background



This preview shows how black text looks on a background with the Android color 4278202746.



This preview shows how white text looks on a background with the Android color 4278202746.

# 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**

4278202746

**Deuteranopia**

4278204511

**Tritanopia**

4278205504

# Trichromacy



**Original Color**

4278202746

**Deuteranomaly**

4278203753

**Tritanomaly**

4278204501

# Monochromacy



**Original Color**

4278202746

**Achromatopsia**

4281019179

**Achromatomaly**

4279971144

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278202746 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, 49, 122)` looks like.

```
.text, #text, p{  
    color:rgb(0, 49, 122)  
}
```

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, 49, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 49, 122) }
```

## Border

The CSS property to change the border of an element to Android 4278202746 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, 49, 122) }
```

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

```
.border{ border-color:rgb(0, 49, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 49, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 49, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 49, 122);  
box-shadow:4px 4px 4px 4px rgb(0, 49, 122)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278202746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 49, 122) }
```

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

```
.background{ background-color: rgb(0, 49,  
122) }
```

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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