

# Converting Colors

Android(4278199376)

Have a look what the booklet for  
Android(4278199376) contains.

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# Color

**Android(4278199376)**

# Conversions

Conversions Part 1	
Format	Color
Hex	002450
RGB	0, 36, 80
RGB Percent	0%, 14%, 31%
CMY	1.0000, 0.8588, 0.6863
CMYK	1.00, 0.55, 0.00, 0.69
HSL	213°, 100%, 16%
HSV	213°, 100%, 31%
XYZ	2.0788, 1.8409, 7.8352
YIQ	30.2520, -35.5800, 6.0520

# Conversions

## Conversions Part 2

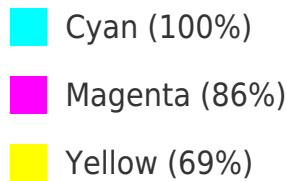
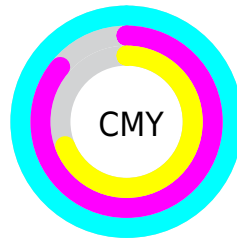
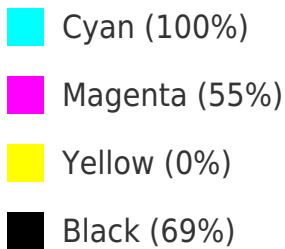
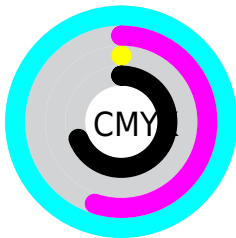
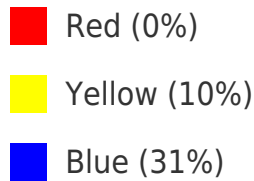
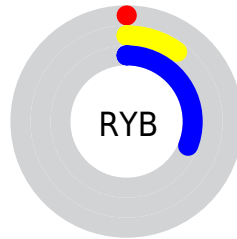
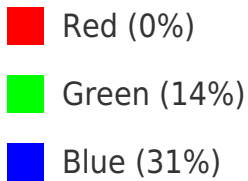
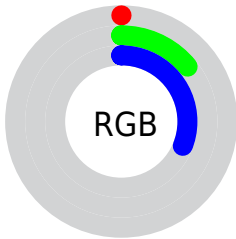
Format	Color
<a href="#">RYB</a>	<a href="#">0, 25, 80</a>
Decimal	<a href="#">9296</a>
CIELab	<a href="#">14.63, 7.81, -30.38</a>
CIELCh	<a href="#">15, 31.365, 284.411</a>
Yxy	<a href="#">1.8409, 0.1768, 0.1566</a>
Android (android.graphics.Color)	<a href="#">4278199376</a> (0xFF002450)
YUV	<a href="#">30.2520, 24.5258, -26.5310</a>
Hunter-Lab	<a href="#">13.5681, 3.6047, -24.7405</a>

# Details

The Android color **4278199376** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4283444224**, and the grayscale version is **4280163870**.

A 20% lighter version of the original color is **4282208386**, and **4278190627** is the 20% darker color. If you saturate the color by 10%, you get **4278199376**, and if you desaturate by 10%, it is **4278724688**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Android color 4278199376 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 4278199376 by changing the saturation by 10% instead.



 4278199376

 4278199376

 4294770687

 4278193977

 4282208386

 4278190627

 4283918492

 4278190089

 4285628855

 4278190080

 4287339475

 4289181423

 4291023359

 4292865535

 4278199376

■ 4278724688

■ 4279250256

■ 4279775568

■ 4280301136

■ 4280826448

■ 4281351760

■ 4281877328

■ 4282402640

■ 4282928208

# Harmonies

## Analogous

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



4278201168



4278199376



4281539141

# Triad

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



4278199376



4282782977



4278201880

# Complementary

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



4278199376



4283444224

# 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.



4278987776



4278199376



4281868288

# Square

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



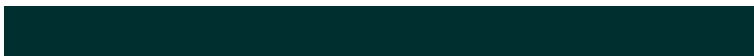
4278199376



4283108123



4280624896



4278202159

# Rectangle

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



4278199376



4282454584



4280624896



4278201616



# Sweetspot

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



4278199376



4282996585



4278210604



4280429366



4290098613



4281742902



# Same Dimension

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



4278199376



4278202217



4278452304



4280624937



4278216936

# Inverse Universe

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



4283432996



4285071407



4283191296



4280886567



4293394536

# Previews

## White Background



This preview shows how the Android color 4278199376 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



This preview shows how the Android color 4278199376 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

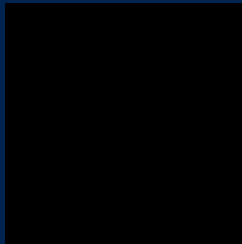
Any Text WCAG AA × Fail

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 4278199376 Background



This preview shows how black text looks on a background with the Android color 4278199376.



This preview shows how white text looks on a background with the Android color 4278199376.

# 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**

4278199376

**Protanopia**

4278199630

**Deuteranopia**

4278200131





# Trichromacy



**Original Color**  
4278199376

**Protanomaly**  
4278199631

**Deuteranomaly**  
4278199880

**Tritanomaly**  
4278200378

# Monochromacy



**Original Color**  
4278199376

**Achromatopsia**  
4280163870

**Achromatomaly**  
4279443504

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278199376 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, 36, 80)` looks like.

```
.text, #text, p{  
    color:rgb(0, 36, 80)  
}
```

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, 36, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 36, 80) }
```

## Border

The CSS property to change the border of an element to Android 4278199376 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, 36, 80) }
```

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

```
.border{ border-color:rgb(0, 36, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 36, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 36, 80); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 36, 80); box-shadow:4px  
4px 4px 4px rgb(0, 36, 80) }
```

# Background

The CSS property to change the background color of an element to Android 4278199376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(0, 36, 80) }
```

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

```
.background{ background-color:rgb(0, 36,  
80) }
```

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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