

# Converting Colors

Android(4278199629)

Have a look what the booklet for  
Android(4278199629) contains.

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# Color

**Android(4278199629)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00254D
RGB	0, 37, 77
RGB Percent	0%, 15%, 30%
CMY	1.0000, 0.8549, 0.6980
CMYK	1.00, 0.52, 0.00, 0.70
HSL	211°, 100%, 15%
HSV	211°, 100%, 30%
XYZ	2.0011, 1.8590, 7.2745
YIQ	30.4970, -34.8920, 4.5960

# Conversions

## Conversions Part 2

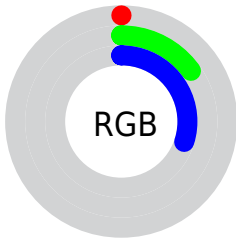
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 25, 77</a>
Decimal	<a href="#">9549</a>
CIELab	<a href="#">14.73, 5.61, -28.17</a>
CIELCh	<a href="#">15, 28.727, 281.266</a>
Yxy	<a href="#">1.8590, 0.1797, 0.1670</a>
Android (android.graphics.Color)	<a href="#">4278199629 (0xFF00254D)</a>
YUV	<a href="#">30.4970, 22.9260, -26.7459</a>
Hunter-Lab	<a href="#">13.6344, 2.3384, -22.0897</a>

# Details

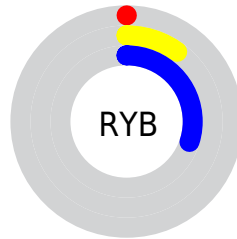
The Android color **4278199629** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4283246592**, and the grayscale version is **4280163870**.

A 20% lighter version of the original color is **4282077566**, and **4278190624** is the 20% darker color. If you saturate the color by 10%, you get **4278199629**, and if you desaturate by 10%, it is **4278724941**.

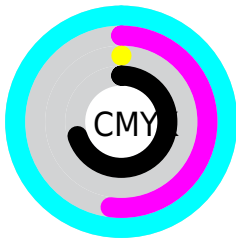
# Distribution



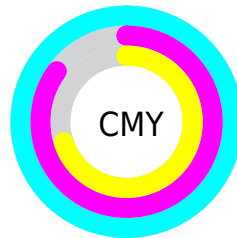
- Red (0%)
- Green (15%)
- Blue (30%)



- Red (0%)
- Yellow (10%)
- Blue (30%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (85%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278199629 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 4278199629 by changing the saturation by 10% instead.



 4278199629

 4278199629

 4294639615

 4278194230

 4282077566

 4278190624

 4283787673

 4278190084

 4285498035

 4278190080

 4287274191

 4289050603

 4290892799

 4292734975

 4278199629

■ 4278724941

■ 4279184717

■ 4279710029

■ 4280235341

■ 4280760653

■ 4281220429

■ 4281745741

■ 4282271053

■ 4282730829

# Harmonies

## Analogous

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



4278201163



4278199629



4281277508

# Triad

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



4278199629



4282717704



4278201623

# Complementary

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



4278199629



4283246592

# 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.



4279380736



4278199629



4281933568

# Square

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



4278199629



4282978078



4280887040



4278201900

# Rectangle

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



4278199629



4282258745



4280887040



4278201616



# Sweetspot

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



4278199629



4282799203



4278209832



4280363315



4289967027



4281545523



# Same Dimension

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



4278199629



4278202467



4278255693



4280427558



4278202726



4278218470



# Inverse Universe

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



4283236389



4284678192



4283190528



4280689188



4284874801



4293263470



# Previews

## White Background



This preview shows how the Android color 4278199629 looks on a white background.

## Color Contrast Check

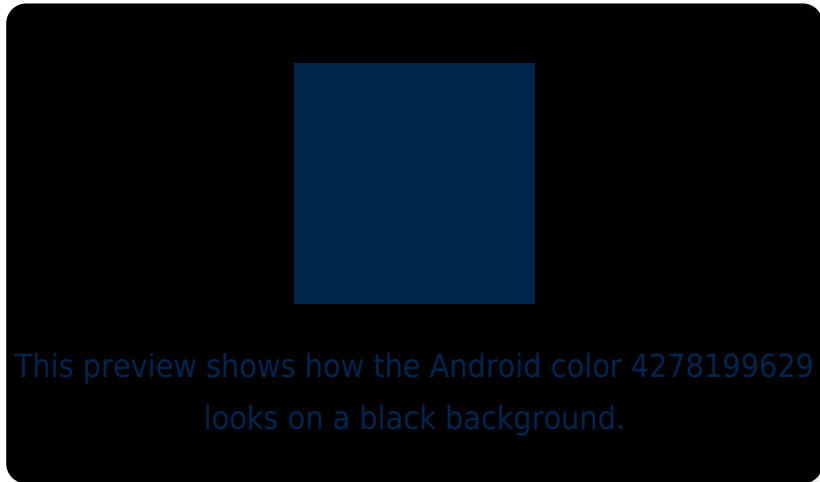
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278199629 Background



This preview shows how black text looks on a background with the Android color 4278199629.



This preview shows how white text looks on a background with the Android color 4278199629.

# 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**

4278199629

**Protanopia**

4278854989

**Deuteranopia**

4278200132



# Trichromacy



**Original Color**

4278199629

**Protanomaly**

4278592845

**Deuteranomaly**

4278199879

**Tritanomaly**

4278200377

# Monochromacy



**Original Color**

4278199629

**Achromatopsia**

4280163870

**Achromatomaly**

4279443759

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278199629 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, 37, 77)` looks like.

```
.text, #text, p{  
    color:rgb(0, 37, 77)  
}
```

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, 37, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 37, 77) }
```

## Border

The CSS property to change the border of an element to Android 4278199629 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, 37, 77) }
```

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

```
.border{ border-color:rgb(0, 37, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 37, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 37, 77); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 37, 77); box-shadow:4px  
4px 4px 4px rgb(0, 37, 77) }
```

# Background

The CSS property to change the background color of an element to Android 4278199629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 37, 77) }
```

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

```
.background{ background-color: rgb(0, 37,  
77) }
```

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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