

# Converting Colors

Android(4279770451)

Have a look what the booklet for  
Android(4279770451) contains.

<b>Android(4279770451)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4279770451)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	181D53
RGB	24, 29, 83
RGB Percent	9%, 11%, 33%
CMY	0.9059, 0.8863, 0.6745
CMYK	0.71, 0.65, 0.00, 0.67
HSL	235°, 55%, 21%
HSV	235°, 71%, 33%
XYZ	2.3774, 1.6975, 8.3860
YIQ	33.6610, -20.3140, 15.7340

# Conversions

## Conversions Part 2

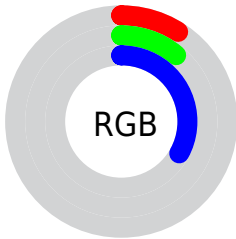
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 29, 83
Decimal	1580371
CIE <sub>Lab</sub>	13.81, 17.73, -33.69
CIE <sub>LCh</sub>	14, 38.071, 297.749
Yxy	1.6975, 0.1908, 0.1362
Android (android.graphics.Color)	4279770451 (0xFF181D53)
YUV	33.6610, 24.3241, -8.4727
Hunter-Lab	13.0286, 9.7715, -29.0423

# Details

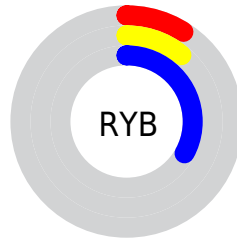
The Android color **4279770451** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4283649560**, and the grayscale version is **4280361249**.

A 20% lighter version of the original color is **4283189381**, and **4278190629** is the 20% darker color. If you saturate the color by 10%, you get **4279244115**, and if you desaturate by 10%, it is **4280296787**.

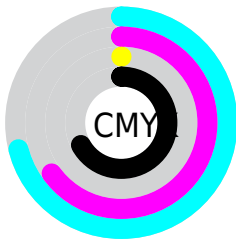
# Distribution



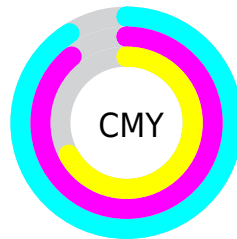
- Red (9%)
- Green (11%)
- Blue (33%)



- Red (9%)
- Yellow (11%)
- Blue (33%)



- Cyan (71%)
- Magenta (65%)
- Yellow (0%)
- Black (67%)



- Cyan (91%)
- Magenta (89%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279770451 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 4279770451 by changing the saturation by 10% instead.



■ 4279770451

■ 4279770451

4294967295

■ 4278191420

■ 4283189381

■ 4278190629

■ 4284833952

■ 4278190350

■ 4286544315

■ 4278190080

■ 4288320471

■ 4290162163

■ 4292004351

■ 4293912063

■ 4279770451

■ 4279770451

■ 4279244115

■ 4280296787

■ 4278652499

■ 4280888403

■ 4278191955

■ 4281414739

■ 4281940819

■ 4282532691

■ 4283059027

■ 4283585107

■ 4284111443

■ 4284703059

# Harmonies

## Analogous

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



4278200409



4279770451



4282387264

# Triad

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



4279770451



4282520832



4278201888

# Complementary

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



4279770451



4283649560

# 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.



4278201344



4279770451



4281278976

# Square

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



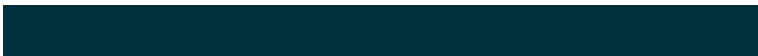
4279770451



4283302409



4279576832



4278201915

# Rectangle

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



4279770451



4283170863



4279576832



4278201879



# Sweetspot

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



4279770451



4283783019



4279784269



4280822070



4290098613



4281742902



# Same Dimension

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



4279770451



4279244907



4281342035



4280624425



4278192489



4278195432



# Inverse Universe

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



4283635741



4285206552



4282077976



4280886565



4285071369



4293394452



# Previews

## White Background



This preview shows how the Android color 4279770451 looks on a white background.

## Color Contrast Check

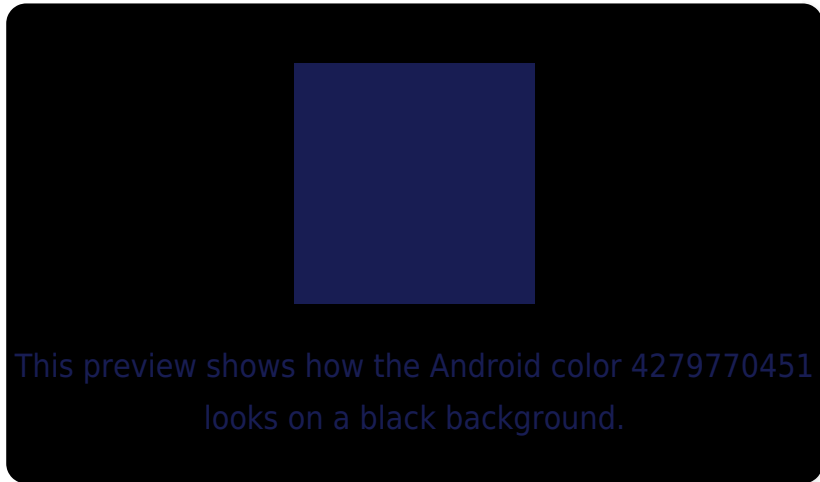
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279770451 Background



This preview shows how black text looks on a background with the Android color 4279770451.



This preview shows how white text looks on a background with the Android color 4279770451.

# 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**

4279770451

**Protanopia**

4278198857

**Deuteranopia**

4278199614



# Trichromacy



**Original Color**  
4279770451

**Protanomaly**  
4278788173

**Deuteranomaly**  
4278788678

**Tritanomaly**  
4278789177

# Monochromacy



**Original Color**  
4279770451

**Achromatopsia**  
4280427042

**Achromatomaly**  
4280164404

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279770451 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(24, 29, 83)` looks like.

```
.text, #text, p{  
    color:rgb(24, 29, 83)  
}
```

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(24, 29, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 29, 83) }
```

## Border

The CSS property to change the border of an element to Android 4279770451 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(24, 29, 83) }
```

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

```
.border{ border-color:rgb(24, 29, 83) }
```

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

Here you see how a box with a 4 pixel rgb(24, 29, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 29, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 29, 83);  
box-shadow:4px 4px 4px 4px rgb(24, 29, 83)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279770451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 29, 83) }
```

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

```
.background{ background-color: rgb(24, 29,  
83) }
```

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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