

# Converting Colors

Android(4279637118)

Have a look what the booklet for  
Android(4279637118) contains.

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# Color

**Android(4279637118)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	16147E
RGB	22, 20, 126
RGB Percent	9%, 8%, 49%
CMY	0.9137, 0.9216, 0.5059
CMYK	0.83, 0.84, 0.00, 0.51
HSL	241°, 73%, 29%
HSV	241°, 84%, 49%
XYZ	4.3469, 2.1772, 19.9298
YIQ	32.6820, -32.8340, 33.3900

# Conversions

## Conversions Part 2

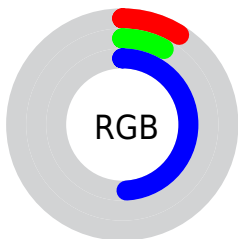
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 20, 126
Decimal	1447038
CIE <sub>Lab</sub>	16.39, 39.19, -57.71
CIE <sub>LCh</sub>	16, 69.758, 304.180
Yxy	2.1772, 0.1643, 0.0823
Android (android.graphics.Color)	4279637118 (0xFF16147E)
YUV	32.6820, 46.0058, -9.3681
Hunter-Lab	14.7555, 26.7635, -69.7524

# Details

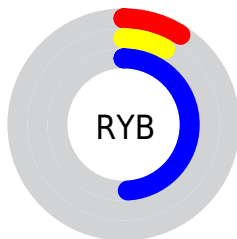
The Android color **4279637118** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4286348820**, and the grayscale version is **4280295456**.

A 20% lighter version of the original color is **4283974324**, and **4278190156** is the 20% darker color. If you saturate the color by 10%, you get **4278847358**, and if you desaturate by 10%, it is **4280426878**.

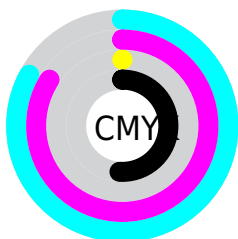
# Distribution



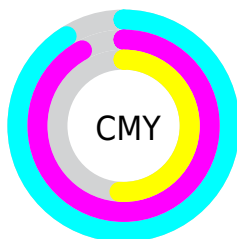
- Red (9%)
- Green (8%)
- Blue (49%)



- Red (9%)
- Yellow (8%)
- Blue (49%)



- Cyan (83%)
- Magenta (84%)
- Yellow (0%)
- Black (51%)



- Cyan (91%)
- Magenta (92%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279637118 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 4279637118 by changing the saturation by 10% instead.



 4279637118

 4279637118

 4294966527

 4278190180

 4283974324

 4278190156

 4285815504

 4278191156

 4287722477

 4278190622

 4289564159

 4278190080

 4291471359

 4293444607

 4294959103

 4279637118

 4279637118

■ 4278847358

■ 4280426878

■ 4278321278

■ 4281281918

■ 4282071678

■ 4282861182

■ 4283716478

■ 4284506238

■ 4285361278

■ 4286151038

■ 4286940542

# Harmonies

## Analogous

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



4278202512



4279637118



4284743765

# Triad

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



4279637118



4283698944



4278204975

# Complementary

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



4279637118



4286348820

# 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.



4278204416



4279637118



4281149952

# Square

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



4279637118



4285399040



4278203136



4278205025

# Rectangle

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



4279637118



4285792309



4278203136



4278204701



# Sweetspot

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



4279637118



4286282403



4279532670



4282005842



4291940817



4283585106



# Same Dimension

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



4279637118



4278386851



4283110526



4281940288



4278321280



4278190080



# Inverse Universe

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



4286452860



4288872608



4282875412



4282399040



4286578813

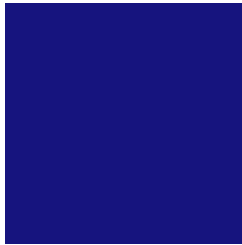


4278190080



# Previews

## White Background



This preview shows how the Android color 4279637118 looks on a white background.

## Color Contrast Check

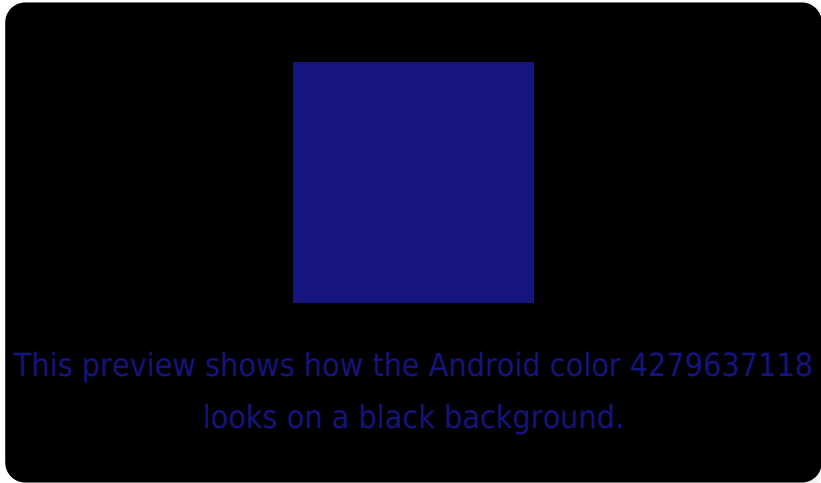
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279637118 Background



This preview shows how black text looks on a background with the Android color 4279637118.



This preview shows how white text looks on a background with the Android color 4279637118.

# 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**

4279637118

**Protanopia**

4278200661

**Deuteranopia**

4278201160



# Trichromacy



**Original Color**  
4279637118

**Protanomaly**  
4278722916

**Deuteranomaly**  
4278723420

**Tritanomaly**  
4278723917

# Monochromacy



**Original Color**  
4279637118

**Achromatopsia**  
4280361249

**Achromatomaly**  
4280097859

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279637118 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(22, 20, 126)` looks like.

```
.text, #text, p{  
    color:rgb(22, 20, 126)  
}
```

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(22, 20, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 20, 126) }
```

## Border

The CSS property to change the border of an element to Android 4279637118 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(22, 20, 126) }
```

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

```
.border{ border-color:rgb(22, 20, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 20, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 20, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 20, 126);  
box-shadow:4px 4px 4px 4px rgb(22, 20,  
126) }
```

# Background

The CSS property to change the background color of an element to Android 4279637118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 20, 126) }
```

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

```
.background{ background-color: rgb(22, 20,  
126) }
```

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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