

# Converting Colors

Android(4279246563)

Have a look what the booklet for  
Android(4279246563) contains.

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# Color

**Android(4279246563)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	101EE3
RGB	16, 30, 227
RGB Percent	6%, 12%, 89%
CMY	0.9373, 0.8824, 0.1098
CMYK	0.93, 0.87, 0.00, 0.11
HSL	236°, 87%, 48%
HSV	236°, 93%, 89%
XYZ	14.5431, 6.5848, 73.1775
YIQ	48.2720, -71.5810, 58.2990

# Conversions

## Conversions Part 2

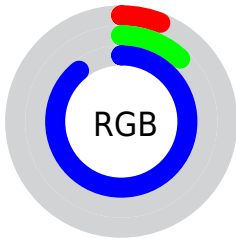
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	16, 29, 227
Decimal	1056483
CIE Lab	30.84, 65.52, -94.42
CIE LCh	31, 114.932, 304.758
Yxy	6.5848, 0.1542, 0.0698
Android (android.graphics.Color)	4279246563 (0xFF101EE3)
YUV	48.2720, 88.1129, -28.3025
Hunter-Lab	25.6608, 56.2574, -151.1163

# Details

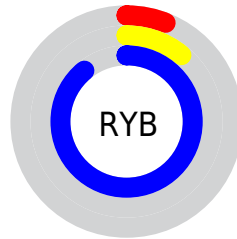
The Android color `4279246563` is a dark color, and the websafe version is hex `0000CC`. The color can be described as dark washed blue. A complement of this color would be `4293121296`, and the grayscale version is `4281282351`.

A 20% lighter version of the original color is `4285747967`, and `4278190250` is the 20% darker color. If you saturate the color by 10%, you get `4278194147`, and if you desaturate by 10%, it is `4280759267`.

# Distribution



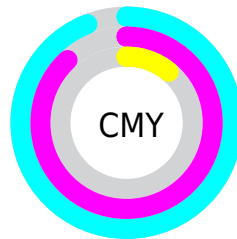
- Red (6%)
- Green (12%)
- Blue (89%)



- Red (6%)
- Yellow (11%)
- Blue (89%)



- Cyan (93%)
- Magenta (87%)
- Yellow (0%)
- Black (11%)



- Cyan (94%)
- Magenta (88%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279246563 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 4279246563 by changing the saturation by 10% instead.



 4279246563

 4279246563

4294967295

 4278190278

 4285747967

 4278190250

 4287982847

 4278190222

 4290086911

 4278190707

 4292256511

 4278193498

 4294360831

 4278191937

 4294958079

 4278190890

 4294965503

 4278190356

 4278190080

■ 4279246563

■ 4279246563

■ 4278194147

■ 4280759267

■ 4282206435

■ 4283719395

■ 4285232099

■ 4286744803

■ 4288191971

■ 4289704675

■ 4291217635

■ 4292664803

# Harmonies

## Analogous

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



4278212607



4279246563



4289986712

# Triad

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



4279246563



4287763456



4278215254

# Complementary

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



4279246563



4293121296

# 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.



4278214656



4279246563



4283255552

# Square

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



4279246563



4290904064



4278213376



4278216369

# Rectangle

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



4279246563



4291821661



4278213376



4278215222



# Sweetspot

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



4279246563



4290297087



4279296981



4283717504



4278190080



4286611584



# Same Dimension

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



4279246563



4278194687



4285206755



4284967027



4278193331



4278190899



# Inverse Universe

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



4293070878



4294901777



4287161104



4285753192



4289921036

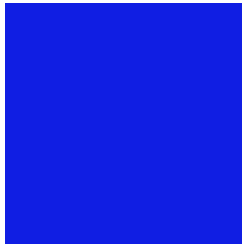


4281532419



# Previews

## White Background



This preview shows how the Android color 4279246563 looks on a white background.

## Color Contrast Check

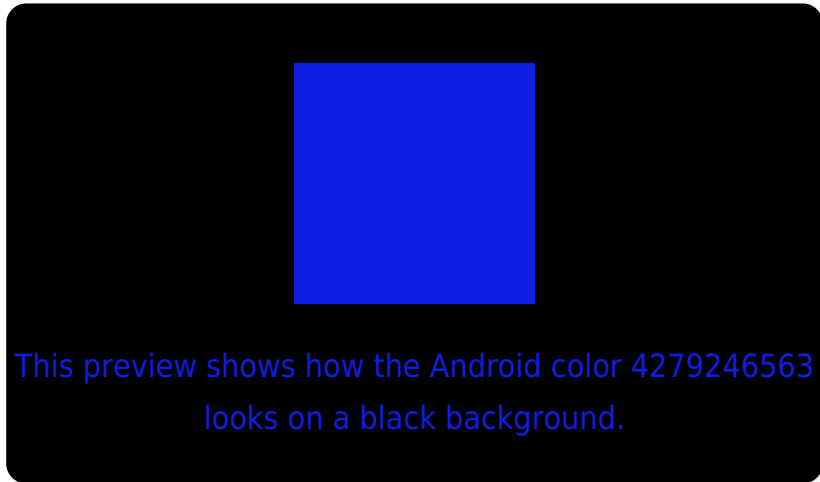
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279246563 Background



This preview shows how black text looks on a background with the Android color 4279246563.



This preview shows how white text looks on a background with the Android color 4279246563.

# 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**  
4279246563

**Protanopia**  
4278208147

**Deuteranopia**  
4278209404



# Trichromacy



**Original Color**

4279246563

**Protanomaly**

4278597552

**Deuteranomaly**

4278598561

**Tritanomaly**

4278599304

# Monochromacy



**Original Color**

4279246563

**Achromatopsia**

4281348144

**Achromatomaly**

4280559985

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279246563 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(16, 30, 227)` looks like.

```
.text, #text, p{  
    color:rgb(16, 30, 227)  
}
```

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(16, 30, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 30, 227) }
```

## Border

The CSS property to change the border of an element to Android 4279246563 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(16, 30, 227) }
```

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

```
.border{ border-color:rgb(16, 30, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 30, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 30, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 30, 227);  
box-shadow:4px 4px 4px 4px rgb(16, 30,  
227) }
```

# Background

The CSS property to change the background color of an element to Android 4279246563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 30, 227) }
```

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

```
.background{ background-color: rgb(16, 30,  
227) }
```

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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