

# Converting Colors

Android(4279121103)

Have a look what the booklet for  
Android(4279121103) contains.

<b>Android(4279121103)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4279121103)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E34CF
RGB	14, 52, 207
RGB Percent	5%, 20%, 81%
CMY	0.9451, 0.7961, 0.1882
CMYK	0.93, 0.75, 0.00, 0.19
HSL	228°, 87%, 43%
HSV	228°, 93%, 81%
XYZ	12.6716, 7.0543, 59.7252
YIQ	58.3080, -72.4030, 40.1490

# Conversions

## Conversions Part 2

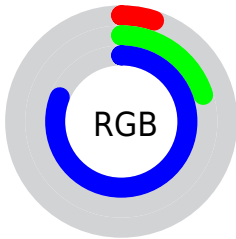
<b>Format</b>	<b>Color</b>
<code>RYB</code>	<code>14, 46, 207</code>
Decimal	<code>931023</code>
CIELab	<code>31.93, 48.83, -81.08</code>
CIELCh	<code>32, 94.649, 301.059</code>
Yxy	<code>7.0543, 0.1595, 0.0888</code>
Android ( <code>android.graphics.Color</code> )	<code>4279121103 (0xFF0E34CF)</code>
YUV	<code>58.3080, 73.3052, -38.8581</code>
Hunter-Lab	<code>26.5600, 38.6810, -114.7329</code>

# Details

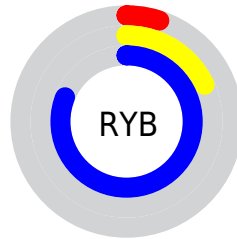
The Android color `4279121103` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4291799310`, and the grayscale version is `4282006074`.

A 20% lighter version of the original color is `4285162751`, and `4278192535` is the 20% darker color. If you saturate the color by 10%, you get `4278200783`, and if you desaturate by 10%, it is `4280501711`.

# Distribution



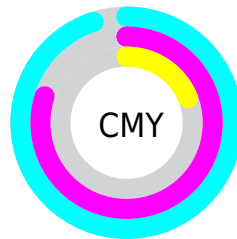
- Red (5%)
- Green (20%)
- Blue (81%)



- Red (5%)
- Yellow (18%)
- Blue (81%)



- Cyan (93%)
- Magenta (75%)
- Yellow (0%)
- Black (19%)



- Cyan (95%)
- Magenta (80%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279121103 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 4279121103 by changing the saturation by 10% instead.



 4279121103

 4279121103

4294967295

 4278197939

 4285162751

 4278192535

 4287331839

 4278190204

 4289435647

 4278191458

 4291474175

 4278192457

 4293512959

 4278191154

 4294962175

 4278190364

 4278190080

 4279121103

 4279121103

■ 4278200783

■ 4280501711

■ 4281816527

■ 4283197135

■ 4284577487

■ 4285958095

■ 4287273167

■ 4288653519

■ 4290034127

■ 4291349199

# Harmonies

## Analogous

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



4278212838



4279121103



4288610453

# Triad

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



4279121103



4287766272



4278215500

# Complementary

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



4279121103



4291799310

# 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.



4278214912



4279121103



4284107264

# Square

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



4279121103



4290183169



4278213120



4278216088

# Rectangle

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



4279121103



4290445413



4278213120



4278215218



# Sweetspot

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



4279121103



4290299647



4279160744



4283719040



4278190080



4286611584



# Same Dimension

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



4279121103



4278203135



4282912463



4284375145



4278198696



4278192169



# Inverse Universe

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



4291759668



4294901810



4288007950



4285095520



4289200161

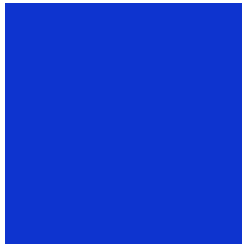


4280877064



# Previews

## White Background



This preview shows how the Android color 4279121103 looks on a white background.

## Color Contrast Check

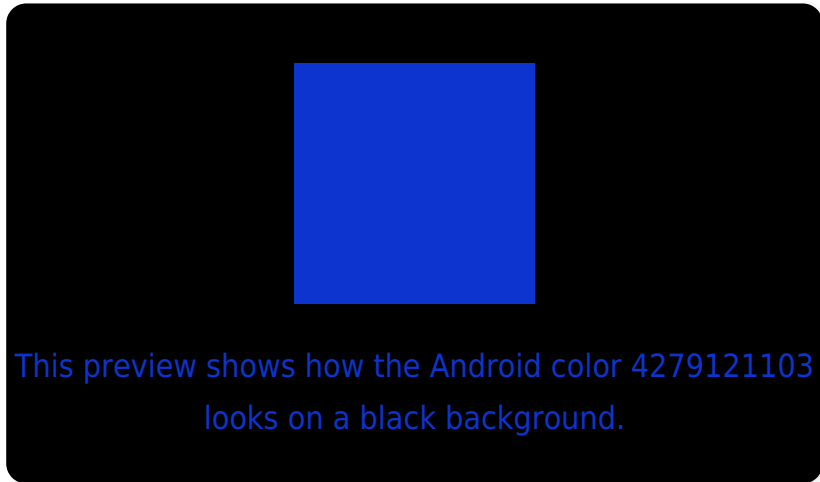
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279121103 Background



This preview shows how black text looks on a background with the Android color 4279121103.



This preview shows how white text looks on a background with the Android color 4279121103.

# 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**  
4279121103

**Protanopia**  
4278208664

**Deuteranopia**  
4278209921



# Trichromacy



**Original Color**  
4279121103

**Protanomaly**  
4278534572

**Deuteranomaly**  
4278535325

**Tritanomaly**  
4278536323

# Monochromacy



**Original Color**  
4279121103

**Achromatopsia**  
4282006074

**Achromatomaly**  
4280957040

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279121103 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(14, 52, 207)` looks like.

```
.text, #text, p{  
    color:rgb(14, 52, 207)  
}
```

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(14, 52, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 52, 207) }
```

## Border

The CSS property to change the border of an element to Android 4279121103 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(14, 52, 207) }
```

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

```
.border{ border-color:rgb(14, 52, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 52, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(14, 52, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(14, 52, 207); box-shadow:4px 4px 4px 4px rgb(14, 52, 207) }
```

# Background

The CSS property to change the background color of an element to Android 4279121103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 52, 207) }
```

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

```
.background{ background-color: rgb(14, 52,  
207) }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor