

# Converting Colors

Android(4279964652)

Have a look what the booklet for  
Android(4279964652) contains.

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# Color

**Android(4279964652)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1B13EC
RGB	27, 19, 236
RGB Percent	11%, 7%, 93%
CMY	0.8941, 0.9255, 0.0745
CMYK	0.89, 0.92, 0.00, 0.07
HSL	242°, 85%, 50%
HSV	242°, 92%, 93%
XYZ	15.8252, 6.7549, 79.8266
YIQ	46.1300, -64.8890, 69.1830

# Conversions

## Conversions Part 2

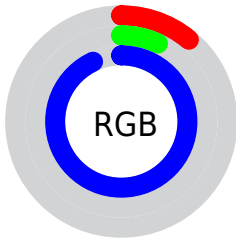
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 19, 236
Decimal	1774572
CIE <sub>Lab</sub>	31.24, 71.44, -98.89
CIE <sub>LCh</sub>	31, 121.993, 305.845
Yxy	6.7549, 0.1545, 0.0660
Android (android.graphics.Color)	4279964652 (0xFF1B13EC)
YUV	46.1300, 93.6059, -16.7770
Hunter-Lab	25.9902, 63.2043, -163.9112

# Details

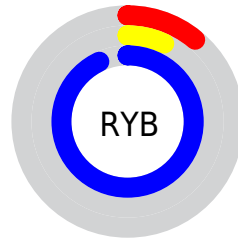
The Android color `4279964652` is a dark color, and the websafe version is hex `0033FF`. The color can be described as dark washed blue. A complement of this color would be `4293192723`, and the grayscale version is `4281150765`.

A 20% lighter version of the original color is `4286139903`, and `4278190258` is the 20% darker color. If you saturate the color by 10%, you get `4278780140`, and if you desaturate by 10%, it is `4281478124`.

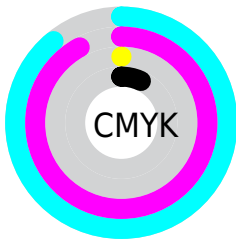
# Distribution



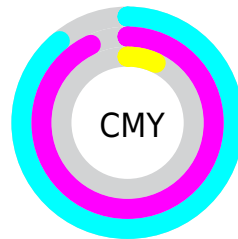
- Red (11%)
- Green (7%)
- Blue (93%)



- Red (11%)
- Yellow (7%)
- Blue (93%)



- Cyan (89%)
- Magenta (92%)
- Yellow (0%)
- Black (7%)



- Cyan (89%)
- Magenta (93%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279964652 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 4279964652 by changing the saturation by 10% instead.



 4279964652

 4279964652

4294967295

 4278190287

 4286139903

 4278190258

 4288375039

 4278190230

 4290544639

 4278190203

 4292648703

 4278194017

 4294818559

 4278192200

 4294957055

 4278191153

 4294964479

 4278190363

 4278190080

■ 4279964652

■ 4279964652

■ 4278780140

■ 4281478124

■ 4282925804

■ 4284439276

■ 4285952492

■ 4287465964

■ 4288913900

■ 4290427116

■ 4291940588

■ 4293453804

# Harmonies

## Analogous

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



4278213119



4279964652



4290642075

# Triad

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



4279964652



4287894272



4278215771

# Complementary

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



4279964652



4293192723

# 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.



4278215168



4279964652



4283059712

# Square

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



4279964652



4291297280



4278213888



4278216892

# Rectangle

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



4279964652



4292411484



4278213888



4278215481



# Sweetspot

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



4279964652



4290427135



4279494124



4283847808



4278190080



4286611584



# Same Dimension

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



4279964652



4278780159



4287042540



4285164149



4278649013



4278321206



# Inverse Universe

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



4293661668



4294902006



4286114835



4285885045



4290052270

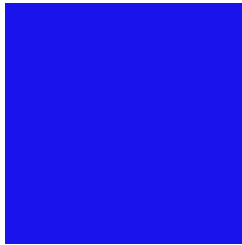


4281729076



# Previews

## White Background



This preview shows how the Android color 4279964652 looks on a white background.

## Color Contrast Check

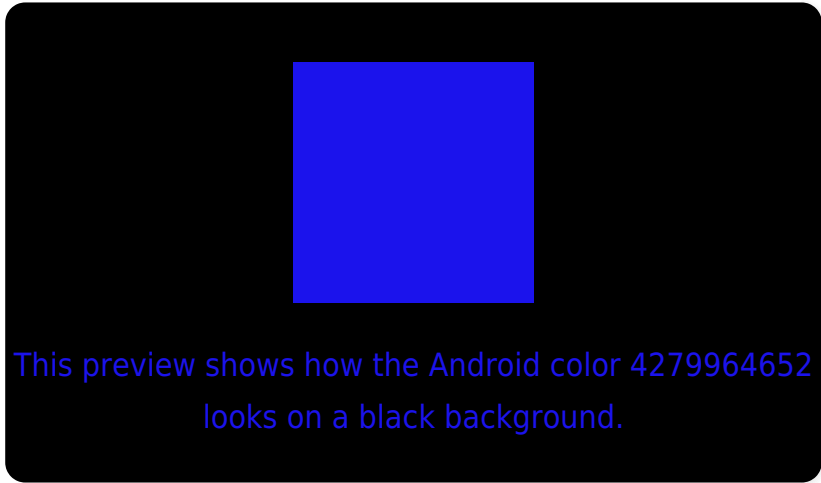
Large Text (above 18pt) WCAG AA ✓ Pass

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

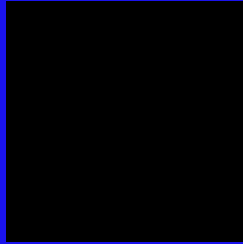
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279964652 Background



This preview shows how black text looks on a background with the Android color 4279964652.



This preview shows how white text looks on a background with the Android color 4279964652.

# 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**  
4279964652

**Protanopia**  
4278208405

**Deuteranopia**  
4278209662

# Trichromacy



**Original Color**  
4279964652

**Protanomaly**  
4278858933

**Deuteranomaly**  
4278859686

# Monochromacy



**Original Color**  
4279964652

**Achromatopsia**  
4281216558

**Achromatomaly**  
4280755315

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279964652 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(27, 19, 236)` looks like.

```
.text, #text, p{  
    color:rgb(27, 19, 236)  
}
```

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(27, 19, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 19, 236) }
```

## Border

The CSS property to change the border of an element to Android 4279964652 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(27, 19, 236) }
```

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

```
.border{ border-color:rgb(27, 19, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 19, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 19, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 19, 236);  
box-shadow:4px 4px 4px 4px rgb(27, 19,  
236) }
```

# Background

The CSS property to change the background color of an element to Android 4279964652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 19, 236) }
```

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

```
.background{ background-color: rgb(27, 19,  
236) }
```

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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