

# Converting Colors

Android(4279969513)

Have a look what the booklet for  
Android(4279969513) contains.

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# Color

**Android(4279969513)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1B26E9
RGB	27, 38, 233
RGB Percent	11%, 15%, 91%
CMY	0.8941, 0.8510, 0.0863
CMYK	0.88, 0.84, 0.00, 0.09
HSL	237°, 82%, 51%
HSV	237°, 88%, 91%
XYZ	15.8531, 7.5024, 77.7034
YIQ	56.9410, -69.1510, 58.3130

# Conversions

## Conversions Part 2

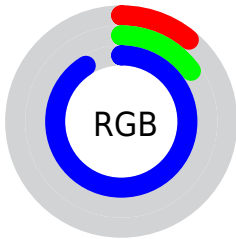
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 37, 233
Decimal	1779433
CIE <sub>Lab</sub>	32.92, 64.35, -94.37
CIE <sub>LCh</sub>	33, 114.225, 304.288
Yxy	7.5024, 0.1569, 0.0742
Android (android.graphics.Color)	4279969513 (0xFF1B26E9)
YUV	56.9410, 86.7971, -26.2583
Hunter-Lab	27.3906, 55.3786, -149.0244

# Details

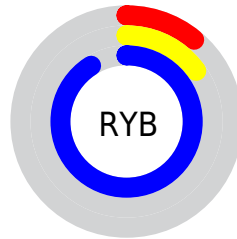
The Android color `4279969513` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark washed blue. A complement of this color would be `4293516827`, and the grayscale version is `4281874488`.

A 20% lighter version of the original color is `4286011903`, and `4278190256` is the 20% darker color. If you saturate the color by 10%, you get `4278456553`, and if you desaturate by 10%, it is `4281482473`.

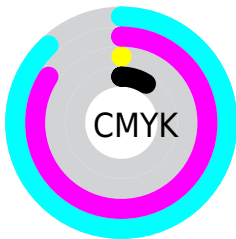
# Distribution



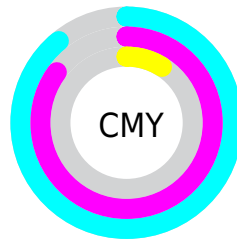
- Red (11%)
- Green (15%)
- Blue (91%)



- Red (11%)
- Yellow (15%)
- Blue (91%)



- Cyan (88%)
- Magenta (84%)
- Yellow (0%)
- Black (9%)



- Cyan (89%)
- Magenta (85%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279969513 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 4279969513 by changing the saturation by 10% instead.



 4279969513

 4279969513

4294967295

 4278192332

 4286011903

 4278190256

 4288246783

 4278190228

 4290350847

 4278190201

 4292454911

 4278193759

 4294559231

 4278192198

 4294959871

 4278191151

 4278190361

 4278190080

■ 4279969513

■ 4279969513

■ 4278456553

■ 4281482473

■ 4278193385

■ 4283060969

■ 4284573929

■ 4286086889

■ 4287665385

■ 4289178345

■ 4290691305

■ 4292204265

■ 4293783017

# Harmonies

## Analogous

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



4278213887



4279969513



4290314398

# Triad

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



4279969513



4288223744



4278216793

# Complementary

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



4279969513



4293516827

# 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.



4278216192



4279969513



4283715584

# Square

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



4279969513



4291362816



4278214656



4278217652

# Rectangle

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



4279969513



4292149347



4278214656



4278216505



# Sweetspot

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



4279969513



4290428671



4280019419



4283914624



4278190080



4286611584



# Same Dimension

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



4279969513



4278193919



4285799401



4285164149



4278192821



4278190902



# Inverse Universe

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



4293466918



4294901774



4287686939



4285885034



4290052106

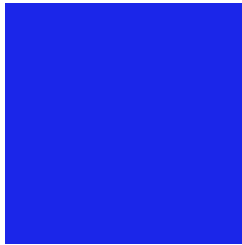


4281729027



# Previews

## White Background



This preview shows how the Android color 4279969513 looks on a white background.

## Color Contrast Check

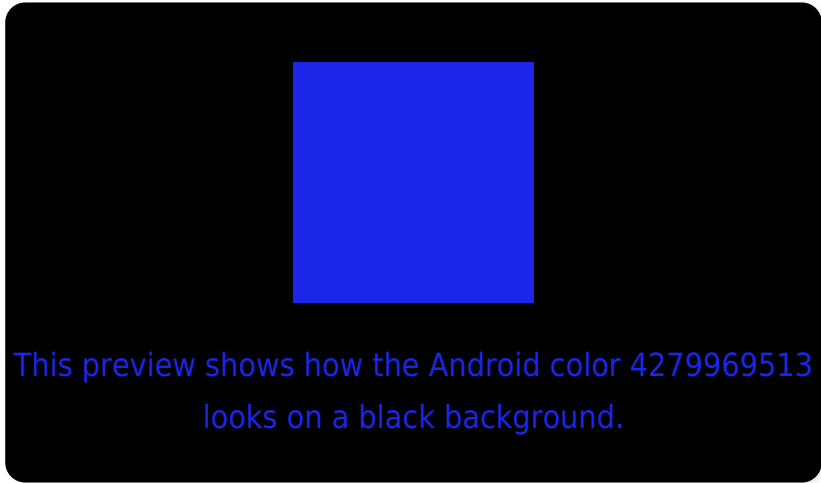
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279969513 Background



This preview shows how black text looks on a background with the Android color 4279969513.



This preview shows how white text looks on a background with the Android color 4279969513.

# 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**  
4279969513

**Protanopia**  
4278209180

**Tritanopia**  
4278211929

# Trichromacy



**Original Color**  
4279969513

**Protanomaly**  
4278861240

**Tritanomaly**  
4278862989

# Monochromacy



**Original Color**  
4279969513

**Achromatopsia**  
4281940281

**Achromatomaly**  
4281217657

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279969513 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, 38, 233)` looks like.

```
.text, #text, p{  
    color:rgb(27, 38, 233)  
}
```

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, 38, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 38, 233) }
```

## Border

The CSS property to change the border of an element to Android 4279969513 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, 38, 233) }
```

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

```
.border{ border-color:rgb(27, 38, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 38, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 38, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 38, 233);  
box-shadow:4px 4px 4px 4px rgb(27, 38,  
233) }
```

# Background

The CSS property to change the background color of an element to Android 4279969513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 38, 233) }
```

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

```
.background{ background-color: rgb(27, 38,  
233) }
```

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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