

# Converting Colors

Android(4279967629)

Have a look what the booklet for  
Android(4279967629) contains.

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# Color

**Android(4279967629)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1B1F8D
RGB	27, 31, 141
RGB Percent	11%, 12%, 55%
CMY	0.8941, 0.8784, 0.4471
CMYK	0.81, 0.78, 0.00, 0.45
HSL	238°, 68%, 33%
HSV	238°, 81%, 55%
XYZ	5.7497, 3.1361, 25.5016
YIQ	42.3440, -37.6940, 33.3620

# Conversions

## Conversions Part 2

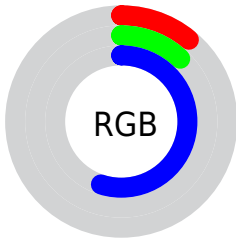
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 31, 141
Decimal	1777549
CIE <sub>Lab</sub>	20.58, 38.60, -60.21
CIE <sub>LCh</sub>	21, 71.523, 302.664
Yxy	3.1361, 0.1672, 0.0912
Android (android.graphics.Color)	4279967629 (0xFF1B1F8D)
YUV	42.3440, 48.6374, -13.4567
Hunter-Lab	17.7090, 26.9642, -72.9836

# Details

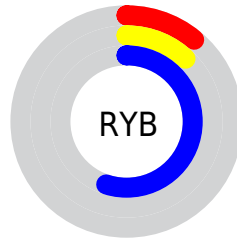
The Android color **4279967629** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4287465755**, and the grayscale version is **4280953386**.

A 20% lighter version of the original color is **4284304836**, and **4278190170** is the 20% darker color. If you saturate the color by 10%, you get **4279046541**, and if you desaturate by 10%, it is **4280888717**.

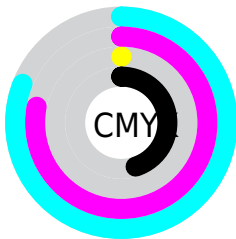
# Distribution



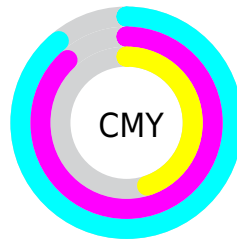
- Red (11%)
- Green (12%)
- Blue (55%)



- Red (11%)
- Yellow (12%)
- Blue (55%)



- Cyan (81%)
- Magenta (78%)
- Yellow (0%)
- Black (45%)



- Cyan (89%)
- Magenta (88%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279967629 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 4279967629 by changing the saturation by 10% instead.





4279967629



4279967629

4294967295



4278192499



4284304836



4278190170



4286211552



4278191937



4288118781



4278190890



4290025983



4278190356



4291998975



4278190080



4293906431



4294962431



4279967629



4279967629

■ 4279046541

■ 4280888717

■ 4278191501

■ 4281809549

■ 4282730637

■ 4283651469

■ 4284638093

■ 4285559181

■ 4286480013

■ 4287401101

■ 4288321933

# Harmonies

## Analogous

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



4278205087



4279967629



4285464675

# Triad

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



4279967629



4284618240



4278207285

# Complementary

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



4279967629



4287465755

# 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.



4278206720



4279967629



4282003968

# Square

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



4279967629



4286382080



4278205696



4278207594

# Rectangle

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



4279967629



4286644289



4278205696



4278207267



# Sweetspot

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



4279967629



4287401400



4279995783



4282466908



4292598747



4284243036



# Same Dimension

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



4279967629



4278586552



4283308941



4282401095



4278191495



4278190088



# Inverse Universe

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



4287437599



4290250252



4284124443



4282859585



4287037445

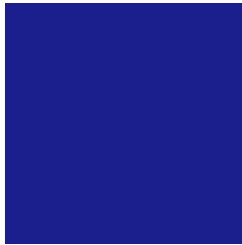


4278714368



# Previews

## White Background



This preview shows how the Android color 4279967629 looks on a white background.

## Color Contrast Check

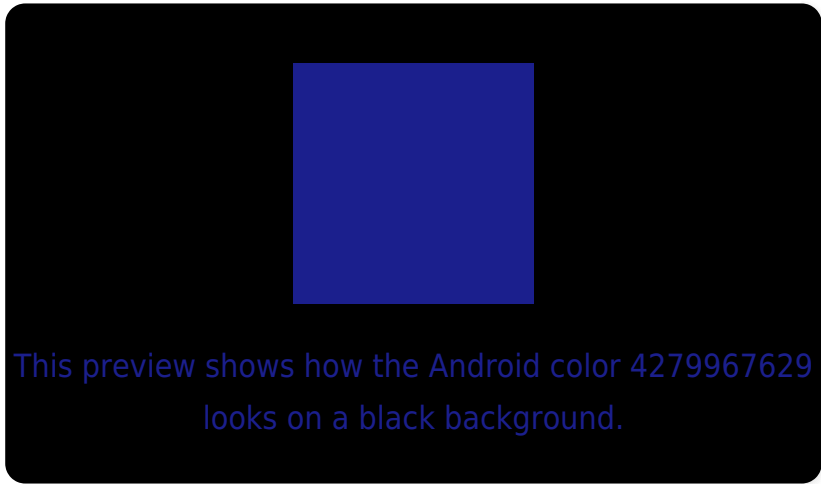
Large Text (above 18pt) WCAG AA ✓ Pass

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

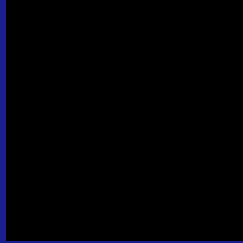
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4279967629 Background



This preview shows how black text looks on a background with the Android color 4279967629.



This preview shows how white text looks on a background with the Android color 4279967629.

# 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**  
4279967629

**Protanopia**  
4278202470

**Deuteranopia**  
4278203479



# Trichromacy



**Original Color**  
4279967629

**Protanomaly**  
4278856308

**Deuteranomaly**  
4278856811

**Tritanomaly**  
4278857561

# Monochromacy



**Original Color**  
4279967629

**Achromatopsia**  
4280953386

**Achromatomaly**  
4280624718

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279967629 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, 31, 141)` looks like.

```
.text, #text, p{  
    color:rgb(27, 31, 141)  
}
```

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, 31, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 31, 141) }
```

## Border

The CSS property to change the border of an element to Android 4279967629 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, 31, 141) }
```

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

```
.border{ border-color:rgb(27, 31, 141) }
```

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

Here you see how a box with a 4 pixel rgb(27, 31, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 31, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 31, 141);  
box-shadow:4px 4px 4px 4px rgb(27, 31,  
141) }
```

# Background

The CSS property to change the background color of an element to Android 4279967629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 31, 141) }
```

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

```
.background{ background-color: rgb(27, 31,  
141) }
```

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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