

# Converting Colors

Android(4280627969)

Have a look what the booklet for  
Android(4280627969) contains.

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**Color**

**Android(4280627969)**

# Conversions

## Conversions Part 1

Format	Color
Hex	253301
RGB	37, 51, 1
RGB Percent	15%, 20%, 0%
CMY	0.8549, 0.8000, 0.9961
CMYK	0.27, 0.00, 0.98, 0.80
HSL	77°, 96%, 10%
HSV	77°, 98%, 20%
XYZ	1.9523, 2.7632, 0.4592
YIQ	41.1140, 7.7060, -18.5180

# Conversions

## Conversions Part 2

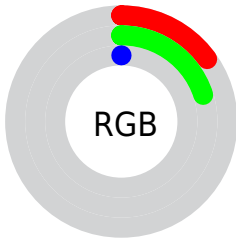
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 51, 15
Decimal	2437889
CIE Lab	19.07, -14.23, 26.31
CIE LCh	19, 29.912, 118.406
Yxy	2.7632, 0.3773, 0.5340
Android (android.graphics.Color)	4280627969 (0xFF253301)
YUV	41.1140, -19.7762, -3.6080
Hunter-Lab	16.6228, -8.1259, 9.9982

# Details

The Android color **4280627969** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4279173427**, and the grayscale version is **4280887593**.

A 20% lighter version of the original color is **4283654448**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280627968**, and if you desaturate by 10%, it is **4280693510**.

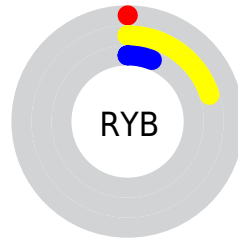
# Distribution



Red (15%)

Green (20%)

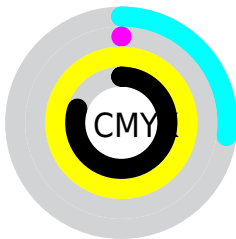
Blue (0%)



Red (0%)

Yellow (20%)

Blue (6%)

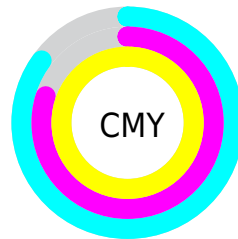


Cyan (27%)

Magenta (0%)

Yellow (98%)

Black (80%)



Cyan (85%)

Magenta (80%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280627969 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 4280627969 by changing the saturation by 10% instead.



 4280627969

 4280627969

 4294967269

 4279049728

 4283654448

 4278190080

 4285299271

 4287009887

 4288786296

 4290562706

 4292404909

 4294246345

 4280627969

 4280627969

■ 4280627968

■ 4280693510

■ 4280824587

■ 4280890128

■ 4281021205

■ 4281086746

■ 4281217824

■ 4281283365

■ 4281348906

■ 4281479983

# Harmonies

## Analogous

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



4282002688



4280627969



4278269718

# Triad

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



4280627969



4278203987



4283701296

# Complementary

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



4280627969



4279173427

# 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.



4282851141



4280627969



4278202714

# Square

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



4280627969



4278204482



4281018709



4283702043

# Rectangle

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



4280627969



4278204453



4281018709



4283505208



# Sweetspot

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



4280627969



4282204719



4281536001



4280164630



4288782753



4280361249



# Same Dimension

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



4280627969



4281352704



4279055105



4279835159



4282407168



4288469248



# Inverse Universe

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



4279173427



4279435330



4280746291



4279768858



4279828569



4282187993



# Previews

## White Background



This preview shows how the Android color 4280627969 looks on a white background.

## Color Contrast Check

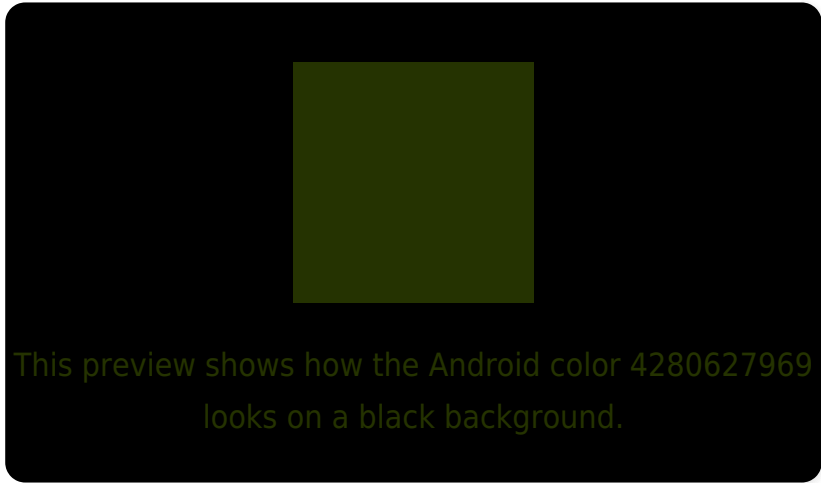
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280627969 Background



This preview shows how black text looks on a background with the Android color 4280627969.



This preview shows how white text looks on a background with the Android color 4280627969.

# 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**  
4280627969

**Protanopia**  
4281609984

**Deuteranopia**  
4282067978



# Trichromacy



**Original Color**

4280627969

**Protanomaly**

4281282560

**Deuteranomaly**

4281544455

**Tritanomaly**

4280823841

# Monochromacy



**Original Color**

4280627969

**Achromatopsia**

4280887593

**Achromatomaly**

4280823066

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280627969 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(37, 51, 1)` looks like.

```
.text, #text, p{  
    color:rgb(37, 51, 1)  
}
```

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(37, 51, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 51, 1) }
```

## Border

The CSS property to change the border of an element to Android 4280627969 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(37, 51, 1) }
```

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

```
.border{ border-color:rgb(37, 51, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 51, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 51, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(37, 51, 1); box-shadow:4px  
4px 4px 4px rgb(37, 51, 1) }
```

# Background

The CSS property to change the background color of an element to Android 4280627969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 51, 1) }
```

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

```
.background{ background-color: rgb(37, 51,  
1) }
```

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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