

# Converting Colors

Android(4280352857)

Have a look what the booklet for  
Android(4280352857) contains.

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**Color**

**Android(4280352857)**

# Conversions

## Conversions Part 1

Format	Color
Hex	210059
RGB	33, 0, 89
RGB Percent	13%, 0%, 35%
CMY	0.8706, 1.0000, 0.6510
CMYK	0.63, 1.00, 0.00, 0.65
HSL	262°, 100%, 17%
HSV	262°, 100%, 35%
XYZ	2.4304, 1.0446, 9.5247
YIQ	20.0130, -8.9010, 34.6750

# Conversions

## Conversions Part 2

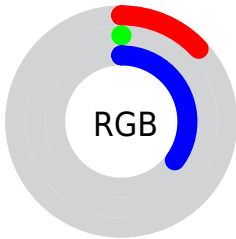
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">33, 0, 89</a>
Decimal	<a href="#">2162777</a>
CIELab	<a href="#">9.36, 38.00, -45.06</a>
CIELCh	<a href="#">9, 58.949, 310.143</a>
Yxy	<a href="#">1.0446, 0.1870, 0.0804</a>
Android (android.graphics.Color)	<a href="#">4280352857 (0xFF210059)</a>
YUV	<a href="#">20.0130, 34.0106, 11.3896</a>
Hunter-Lab	<a href="#">10.2206, 24.5599, -48.0989</a>

# Details

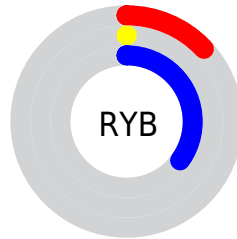
The Android color **4280352857** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4281882880**, and the grayscale version is **4279505940**.

A 20% lighter version of the original color is **4283903884**, and **4278190890** is the 20% darker color. If you saturate the color by 10%, you get **4280352857**, and if you desaturate by 10%, it is **4280748377**.

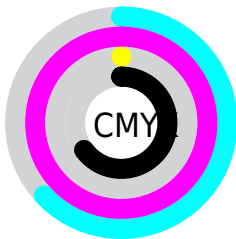
# Distribution



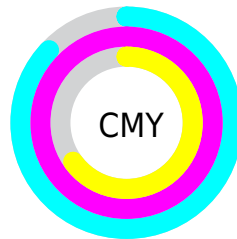
- Red (13%)
- Green (0%)
- Blue (35%)



- Red (13%)
- Yellow (0%)
- Blue (35%)



- Cyan (63%)
- Magenta (100%)
- Yellow (0%)
- Black (65%)



- Cyan (87%)
- Magenta (100%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280352857 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 4280352857 by changing the saturation by 10% instead.



 4280352857

 4280352857

 4294961151

 4278845505

 4283903884

 4278190890

 4285613991

 4278190356

 4287389890

 4278190080

 4289231327

 4291073275

 4292980735

 4294888191

 4280352857

■ 4280748377

■ 4281078361

■ 4281473881

■ 4281803865

■ 4282199385

■ 4282594649

■ 4282924633

■ 4283320153

■ 4283650137

# Harmonies

## Analogous

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



4278197868



4280352857



4283301942

# Triad

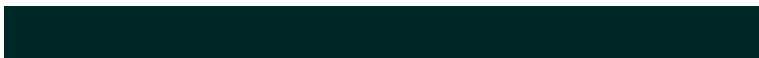
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280352857



4281732096



4278200103

# Complementary

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



4280352857



4281882880

# 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.



4278199808



4280352857



4279573760

# Square

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



4280352857



4283236352



4278199808



4278200910

# Rectangle

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



4280352857



4283891740



4278199808



4278200089



# Sweetspot

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



4280352857



4284305523



4278204505



4281148987



4290427578



4282071867



# Same Dimension

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



4280352857



4281008243



4283236441



4280887083



4280811627



4283891947



# Inverse Universe

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



4284022840



4285726792



4278999296



4281018154



4285202499

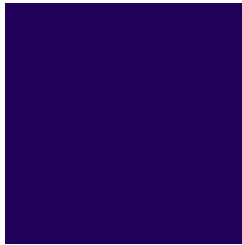


4293591188



# Previews

## White Background



This preview shows how the Android color 4280352857 looks on a white background.

## Color Contrast Check

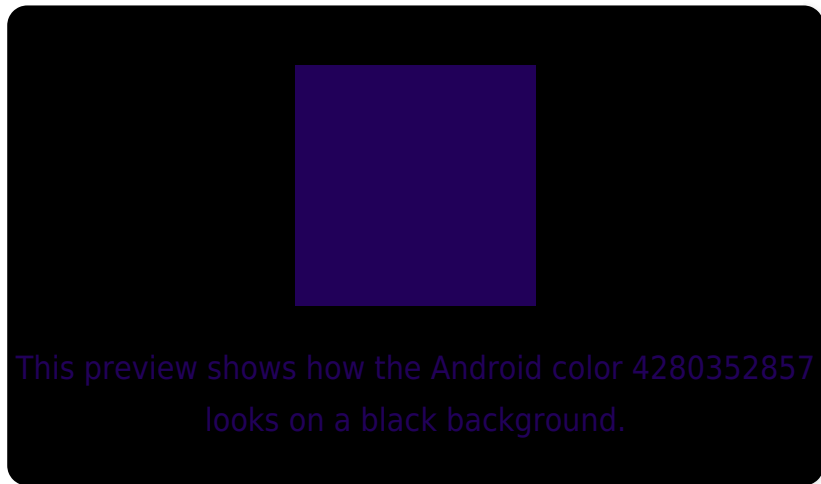
Large Text (above 18pt) WCAG AA ✓ Pass

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

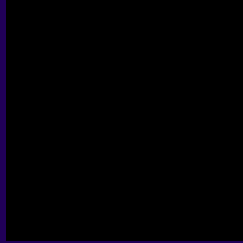
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280352857 Background



This preview shows how black text looks on a background with the Android color 4280352857.



This preview shows how white text looks on a background with the Android color 4280352857.

# 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**  
4280352857

**Protanopia**  
4278197822

**Deuteranopia**  
4278198325



**Tritanopia**  
4278198821

# Trichromacy



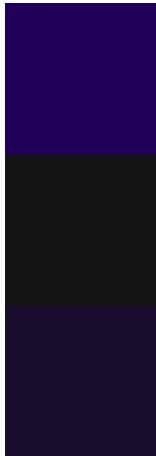
**Original Color**  
4280352857

**Protanomaly**  
4278981448

**Deuteranomaly**  
4278981698

**Tritanomaly**  
4278982200

# Monochromacy



**Original Color**  
4280352857

**Achromatopsia**  
4279505940

**Achromatomaly**  
4279831853

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280352857 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(33, 0, 89)` looks like.

```
.text, #text, p{  
    color:rgb(33, 0, 89)  
}
```

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(33, 0, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 0, 89) }
```

## Border

The CSS property to change the border of an element to Android 4280352857 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(33, 0, 89) }
```

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

```
.border{ border-color:rgb(33, 0, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 0, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 0, 89); -webkit-box-shadow:4px  
4px 4px 4px rgb(33, 0, 89); box-shadow:4px  
4px 4px 4px rgb(33, 0, 89) }
```

# Background

The CSS property to change the background color of an element to Android 4280352857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 0, 89) }
```

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

```
.background{ background-color: rgb(33, 0,  
89) }
```

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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