# Converting Colors

Android(4281147717)

Have a look what the booklet for Android(4281147717) contains.

**Android(4281147717)** ..... 3
- ***Conversions*** ..... 4
- ***Details*** ..... 6
- ***Harmonies*** ..... 11
- ***Previews*** ..... 23
- ***Color Blindness Simulation*** ..... 26
- ***CSS Examples*** ..... 29

# Color

Android(4281147717)

# Conversions

Conversions Part 1

| Format | Color |
|---|---|
| Hex | 2D2145 |
| RGB | 45, 33, 69 |
| RGB Percent | 18%, 13%, 27% |
| CMY | 0.8235, 0.8706, 0.7294 |
| CMYK | 0.35, 0.52, 0.00, 0.73 |
| HSL | 260°, 35%, 20% |
| HSV | 260°, 52%, 27% |
| XYZ | 2.7002, 2.0753, 5.8885 |
| YIQ | 40.6920, -4.4040, 13.7400 |

# Conversions

Conversions Part 2

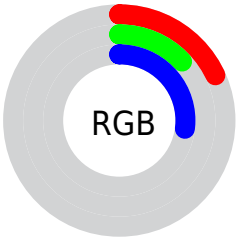
| Format | Color |
|---|---|
| RYB | 45, 33, 69 |
| Decimal | 2957637 |
| CIELab | 15.88, 15.16, -20.67 |
| CIELCh | 16, 25.637, 306.261 |
| Yxy | 2.0753, 0.2532, 0.1946 |
| Android (android.graphics.Color) | 4281147717 (0xFF2D2145) |
| YUV | 40.6920, 13.9558, 3.7781 |
| Hunter-Lab | 14.4058, 8.2479, -14.1511 |

# Details

The Android color 4281147717 is a dark color, and the websafe version is hex 333366. A complement of this color would be 4281943329, and the grayscale version is 4280887593.

A 20% lighter version of the original color is 4284239222, and 4278190362 is the 20% darker color. If you saturate the color by 10%, you get 4280818245, and if you desaturate by 10%, it is 4281477189.

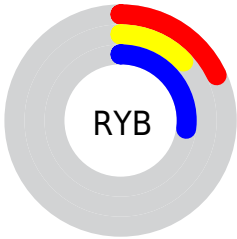
# Distribution




Red (18%)

Green (13%)

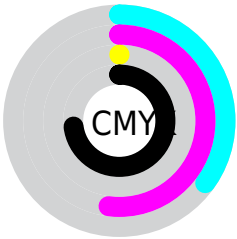
Blue (27%)




Red (18%)

Yellow (13%)

Blue (27%)

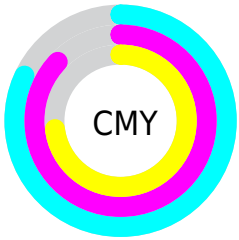



Cyan (35%)

Magenta (52%)

Yellow (0%)

Black (73%)




Cyan (82%)

Magenta (87%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281147717 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 4281147717 by changing the saturation by 10% instead.

4281147717

4294967295

4284239222

4285883791

4287594410

4289370309

4291146721

4292988926

4294896639

4281147717

4281147717

4279700526

4278190362

4278190080

4281147717

4281147717

4280818245

4280554309

4280224837

4279960901

4279697477

4281477189

4281741125

4282070597

4282334533

4282664005

4282993221

4283257157

4283586629

4283850565

# Harmonies

## Analogous

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

4278331468

4281147717

4282390839

# Triad

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

4281147717

4282196224

4278202411

# Complementary

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

4281147717

4281943329

# 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.

4278202136

4281147717

4281214976

# Square

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

4281147717

4282784275

4279970821

4278202429

# Rectangle

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

4281147717

4282848811

4279970821

4278202405

# Sweetspot

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

4281147717

4283452249

4280367429

4280821038

4289572269

4281216558

# Same Dimension

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

4281147717

4281606489

4282327365

4280360996

4280352867

4283171043

# Inverse Universe

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

4282720569

4284031303

4280763681

4280557603

4284678210

4293066903

# Previews

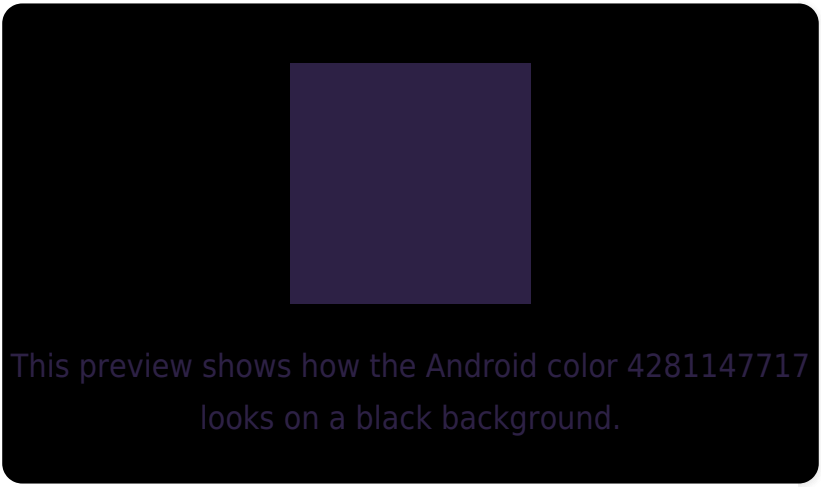
## White Background

This preview shows how the Android color 4281147717 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

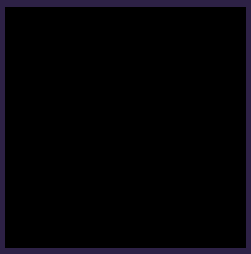



### Color Contrast Check

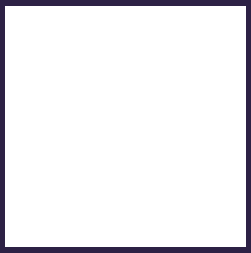
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

# Android 4281147717 Background



This preview shows how black text looks on a background with the Android color 4281147717.



This preview shows how white text looks on a background with the Android color 4281147717.

# 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**
4281147717

**Protanopia**
4279576395

**Deuteranopia**
4279511107

**Tritanopia**
4280756267

# Trichromacy

**Original Color**
4281147717

**Protanomaly**
4280165705

**Deuteranomaly**
4280100164

**Tritanomaly**
4280886580

# Monochromacy

**Original Color**
4281147717

**Achromatopsia**
4280887593

**Achromatomaly**
4280952371

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281147717 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(45, 33, 69) looks like.

```
.text, #text, p{
    color:rgb(45, 33, 69)
}
```

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(45, 33, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 33, 69) }
```

# Border

The CSS property to change the border of an element to Android 4281147717 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(45, 33, 69) }
```

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

```
.border{ border-color:rgb(45, 33, 69) }
```

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

Here you see how a box with a 4 pixel rgb(45, 33, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(45, 33, 69); -webkit-box-shadow:4px 4px 4px 4px rgb(45, 33, 69); box-shadow:4px 4px 4px 4px rgb(45, 33, 69) }
```

# Background

The CSS property to change the background color of an element to Android 4281147717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(45, 33, 69) }
```

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

```
.background{ background-color:rgb(45, 33,
69) }
```

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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