

Converting Colors

Android(4280494166)

Have a look what the booklet for
Android(4280494166) contains.

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Color

Android(4280494166)

Conversions

Conversions Part 1

Format	Color
Hex	232856
RGB	35, 40, 86
RGB Percent	14%, 16%, 34%
CMY	0.8627, 0.8431, 0.6627
CMYK	0.59, 0.53, 0.00, 0.66
HSL	234°, 42%, 24%
HSV	234°, 59%, 34%
XYZ	3.1316, 2.5468, 9.1306
YIQ	43.7490, -17.7460, 13.2460

Conversions

Conversions Part 2

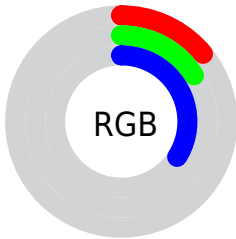
Format	Color
RYB	35, 40, 86
Decimal	2304086
CIELab	18.13, 13.19, -28.70
CIELCh	18, 31.582, 294.677
Yxy	2.5468, 0.2115, 0.1720
Android (android.graphics.Color)	4280494166 (0xFF232856)
YUV	43.7490, 20.8297, -7.6729
Hunter-Lab	15.9587, 7.1002, -22.7512

Details

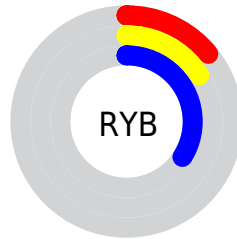
The Android color **4280494166** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4283846947**, and the grayscale version is **4281084972**.

A 20% lighter version of the original color is **4283717000**, and **4278190120** is the 20% darker color. If you saturate the color by 10%, you get **4279902294**, and if you desaturate by 10%, it is **4281086038**.

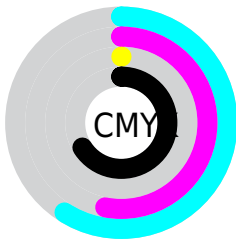
Distribution



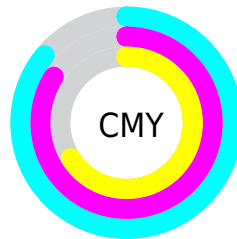
- Red (14%)
- Green (16%)
- Blue (34%)



- Red (14%)
- Yellow (16%)
- Blue (34%)



- Cyan (59%)
- Magenta (53%)
- Yellow (0%)
- Black (66%)



- Cyan (86%)
- Magenta (84%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280494166 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 4280494166 by changing the saturation by 10% instead.

■ 4280494166

■ 4280494166

4294967295

■ 4278654014

■ 4283717000

■ 4278190120

■ 4285427107

■ 4278190354

■ 4287137470

■ 4278190080

■ 4288913882

■ 4290690294

■ 4292597759

■ 4294440191

■ 4280494166

■ 4280494166

■ 4279902294

■ 4281086038

■ 4279375958

■ 4281612374

■ 4278784342

■ 4282203990

■ 4278258006

■ 4282730326

■ 4278192214

■ 4283322198

■ 4283914070

■ 4284440150

■ 4285032022

■ 4285558358

Harmonies

Analogous

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



4278202458



4280494166



4282654023

Triad

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



4280494166



4283113475



4278203943

Complementary

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



4280494166



4283846947

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.



4278269200



4280494166



4282067456

Square

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



4280494166



4283700763



4280692992



4278204223

Rectangle

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



4280494166



4283373113



4280692992



4278203935

Sweetspot

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



4280494166



4284243568



4280505937



4281085240



4290295992



4281874488

Same Dimension

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



4280494166



4280363120



4281803606



4280756011



4278192747



4278196203

Inverse Universe

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



4283835176



4285538600



4282537507



4281018151



4285202443



4293591063

Previews

White Background



This preview shows how the Android color 4280494166 looks on a white background.

Color Contrast Check

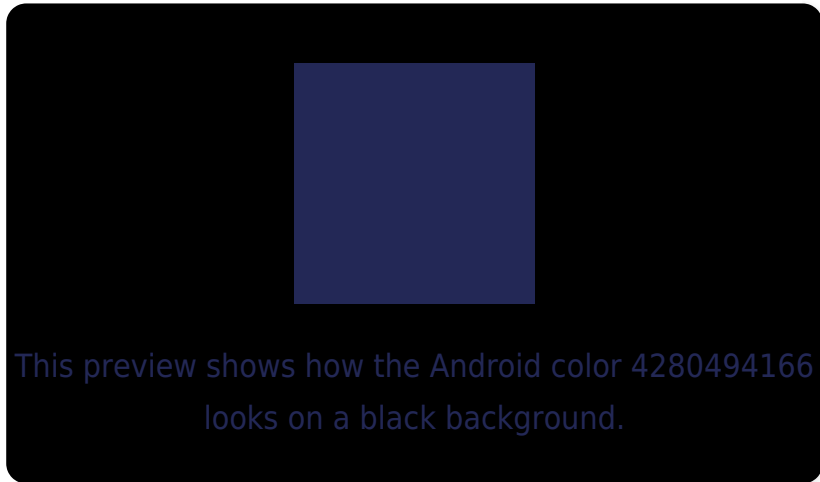
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280494166 Background



This preview shows how black text looks on a background with the Android color 4280494166.



This preview shows how white text looks on a background with the Android color 4280494166.

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
4280494166

Protanopia
4279053145

Deuteranopia
4278201679



Tritanopia
4279513140

Trichromacy



Original Color

4280494166

Protanomaly

4279577176

Deuteranomaly

4279053138

Tritanomaly

4279840064

Monochromacy



Original Color

4280494166

Achromatopsia

4281084972

Achromatomaly

4280888123

CSS Examples

Text

The CSS property to change the color of the text to Android 4280494166 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(35, 40, 86)` looks like.

```
.text, #text, p{  
    color:rgb(35, 40, 86)  
}
```

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(35, 40, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 40, 86) }
```

Border

The CSS property to change the border of an element to Android 4280494166 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(35, 40, 86) }
```

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

```
.border{ border-color:rgb(35, 40, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 40, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 40, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 40, 86);  
box-shadow:4px 4px 4px 4px rgb(35, 40, 86)  
}
```

Background

The CSS property to change the background color of an element to Android 4280494166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 40, 86) }
```

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

```
.background{ background-color: rgb(35, 40,  
86) }
```

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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