

Converting Colors

Android(4281417580)

Have a look what the booklet for
Android(4281417580) contains.

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Color

Android(4281417580)

Conversions

Conversions Part 1

Format	Color
Hex	313F6C
RGB	49, 63, 108
RGB Percent	19%, 25%, 42%
CMY	0.8078, 0.7529, 0.5765
CMYK	0.55, 0.42, 0.00, 0.58
HSL	226°, 38%, 31%
HSV	226°, 55%, 42%
XYZ	5.7509, 5.2907, 14.9055
YIQ	63.9440, -22.7890, 11.0270

Conversions

Conversions Part 2

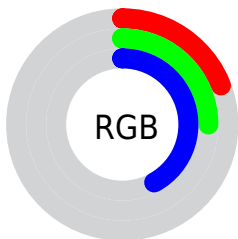
Format	Color
R_{YB}	49, 60, 108
Decimal	3227500
CIE _{Lab}	27.55, 8.59, -27.99
CIE _{LCh}	28, 29.282, 287.054
Yxy	5.2907, 0.2216, 0.2039
Android (android.graphics.Color)	4281417580 (0xFF313F6C)
YUV	63.9440, 21.7196, -13.1059
Hunter-Lab	23.0015, 4.3765, -22.3201

Details

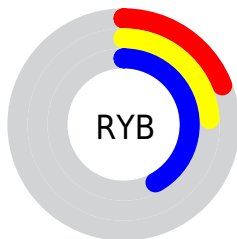
The Android color **4281417580** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4285292081**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4284772000**, and **4278195516** is the 20% darker color. If you saturate the color by 10%, you get **4280694636**, and if you desaturate by 10%, it is **4282140524**.

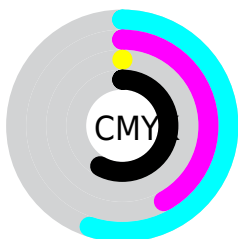
Distribution



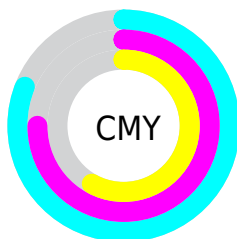
- Red (19%)
- Green (25%)
- Blue (42%)



- Red (19%)
- Yellow (24%)
- Blue (42%)



- Cyan (55%)
- Magenta (42%)
- Yellow (0%)
- Black (58%)



- Cyan (81%)
- Magenta (75%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281417580 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 4281417580 by changing the saturation by 10% instead.

■ 4281417580

■ 4281417580

4294967295

■ 4279707987

■ 4284772000

■ 4278195516

■ 4286482619

■ 4278190886

■ 4288193239

■ 4278190351

■ 4290035187

■ 4278190080

■ 4291877375

■ 4293719551

■ 4281417580

■ 4281417580

■ 4280694636

■ 4282140524

■ 4279971692

■ 4282863468

■ 4279314028

■ 4283521132

■ 4278591084

■ 4284244076

■ 4278196844

■ 4284967020

■ 4285689964

■ 4286413164

■ 4287070572

■ 4287793516

Harmonies

Analogous

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



4278208109



4281417580



4283643488

Triad

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



4281417580



4284822561



4278209590

Complementary

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



4281417580



4285292081

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.



4280764705



4281417580



4283841556

Square

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



4281417580



4285214261



4282467347



4278209614

Rectangle

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



4281417580



4284559443



4282467347



4278930223

Sweetspot

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



4281417580



4285954956



4281429085



4282006855



4291282887



4282861383

Same Dimension

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



4281417580



4281353868



4282397036



4281348406



4278197365



4278205173

Inverse Universe

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



4285280575



4287377478



4284312625



4281741361



4285857820



4294246458

Previews

White Background



This preview shows how the Android color 4281417580 looks on a white background.

Color Contrast Check

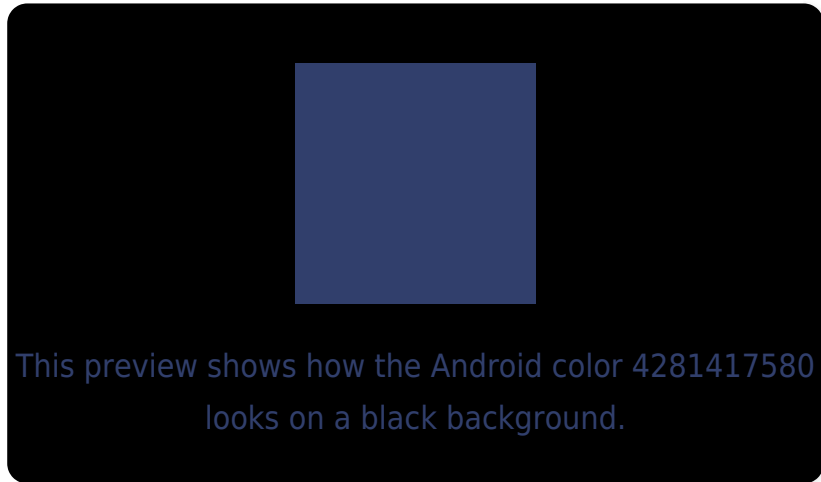
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281417580 Background



This preview shows how black text looks on a background with the Android color 4281417580.



This preview shows how white text looks on a background with the Android color 4281417580.

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

4281417580

Protanopia

4281221228

Deuteranopia

4280631659

Trichromacy



Original Color

4281417580

Protanomaly

4281286764

Deuteranomaly

4280893547

Tritanomaly

4280894296

Monochromacy



Original Color

4281417580

Achromatopsia

4282400832

Achromatomaly

4282073168

CSS Examples

Text

The CSS property to change the color of the text to Android 4281417580 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(49, 63, 108)` looks like.

```
.text, #text, p{  
    color:rgb(49, 63, 108)  
}
```

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(49, 63, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 63, 108) }
```

Border

The CSS property to change the border of an element to Android 4281417580 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(49, 63, 108) }
```

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

```
.border{ border-color:rgb(49, 63, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 63, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 63, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 63, 108);  
box-shadow:4px 4px 4px 4px rgb(49, 63,  
108) }
```

Background

The CSS property to change the background color of an element to Android 4281417580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 63, 108) }
```

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

```
.background{ background-color: rgb(49, 63,  
108) }
```

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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