

Converting Colors

Android(4281231755)

Have a look what the booklet for
Android(4281231755) contains.

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Color

Android(4281231755)

Conversions

Conversions Part 1

Format	Color
Hex	2E698B
RGB	46, 105, 139
RGB Percent	18%, 41%, 55%
CMY	0.8196, 0.5882, 0.4549
CMYK	0.67, 0.24, 0.00, 0.45
HSL	202°, 50%, 36%
HSV	202°, 67%, 55%
XYZ	10.8385, 12.5481, 26.2769
YIQ	91.2350, -46.0780, -1.9340

Conversions

Conversions Part 2

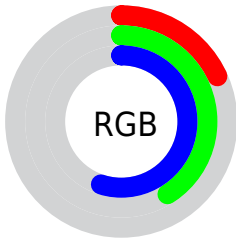
Format	Color
RYB	46, 82, 139
Decimal	3041675
CIELab	42.07, -7.86, -24.39
CIElCh	42, 25.625, 252.146
Yxy	12.5481, 0.2182, 0.2527
Android (android.graphics.Color)	4281231755 (0xFF2E698B)
YUV	91.2350, 23.5481, -39.6711
Hunter-Lab	35.4233, -7.3749, -19.1849

Details

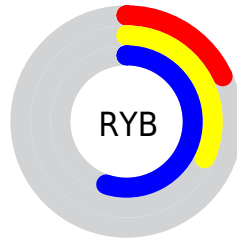
The Android color `4281231755` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287320110`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4284914881`, and `4278205017` is the 20% darker color. If you saturate the color by 10%, you get `4280312971`, and if you desaturate by 10%, it is `4282150539`.

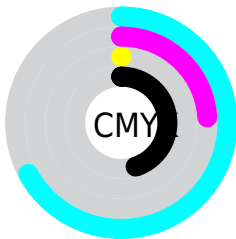
Distribution



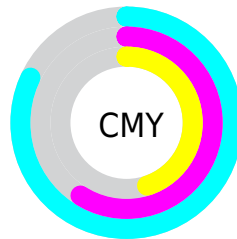
- Red (18%)
- Green (41%)
- Blue (55%)



- Red (18%)
- Yellow (32%)
- Blue (55%)



- Cyan (67%)
- Magenta (24%)
- Yellow (0%)
- Black (45%)



- Cyan (82%)
- Magenta (59%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281231755 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 4281231755 by changing the saturation by 10% instead.

■ 4281231755

■ 4281231755

4294967295

■ 4278669681

■ 4284914881

■ 4278205017

■ 4286756829

■ 4278199617

■ 4288533497

■ 4278194219

■ 4290441215

■ 4278190358

■ 4292280319

■ 4278190080

■ 4294246399

■ 4281231755

■ 4281231755

■ 4280312971

■ 4282150539

■ 4279394187

■ 4283069323

■ 4278475403

■ 4283988107

■ 4278212747

■ 4284906891

■ 4285760139

■ 4286678923

■ 4287597963

■ 4288516747

■ 4289435531

Harmonies

Analogous

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



4278742399



4281231755



4283654796

Triad

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



4281231755



4287386459



4283525699

Complementary

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



4281231755



4287320110

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.



4285097273



4281231755



4287190856

Square

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



4281231755



4286862705



4286340667



4281822806

Rectangle

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



4281231755



4285029767



4286340667



4284115263

Sweetspot

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



4281231755



4287735989



4281240399



4282799196



4292598747



4284243036

Same Dimension

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



4281231755



4280582325



4281220235



4282270277



4278211717



4278190853

Inverse Universe

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



4287311465



4290061440



4287331630



4282728002



4286906452



4278517763

Previews

White Background



This preview shows how the Android color 4281231755 looks on a white background.

Color Contrast Check

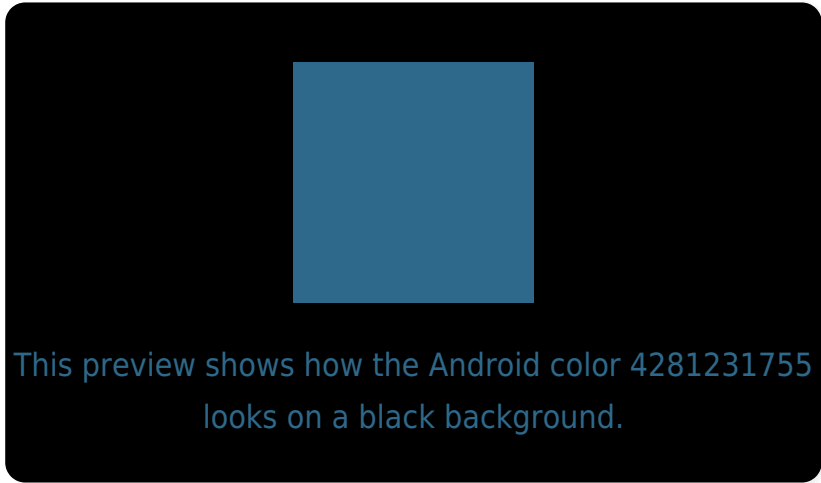
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4281231755 Background



This preview shows how black text looks on a background with the Android color 4281231755.

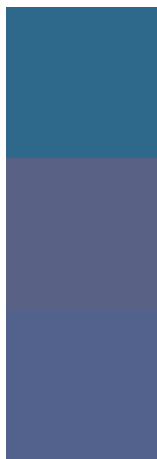


This preview shows how white text looks on a background with the Android color 4281231755.

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
4281231755

Protanopia
4284048005

Deuteranopia
4283654797

Trichromacy



Original Color
4281231755

Protanomaly
4283000199

Deuteranomaly
4282803596

Tritanomaly
4280708222

Monochromacy



Original Color
4281231755

Achromatopsia
4284177243

Achromatomaly
4283129964

CSS Examples

Text

The CSS property to change the color of the text to Android 4281231755 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(46, 105, 139)` looks like.

```
.text, #text, p{  
    color:rgb(46, 105, 139)  
}
```

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(46, 105, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 105, 139) }
```

Border

The CSS property to change the border of an element to Android 4281231755 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(46, 105, 139) }
```

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

```
.border{ border-color:rgb(46, 105, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 105, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 105, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 105, 139);  
box-shadow:4px 4px 4px 4px rgb(46, 105,  
139) }
```

Background

The CSS property to change the background color of an element to Android 4281231755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 105, 139) }
```

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

```
.background{ background-color: rgb(46, 105,  
139) }
```

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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