

Converting Colors

Android(4280700255)

Have a look what the booklet for
Android(4280700255) contains.

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Color

Android(4280700255)

Conversions

Conversions Part 1

Format	Color
Hex	264D5F
RGB	38, 77, 95
RGB Percent	15%, 30%, 37%
CMY	0.8510, 0.6980, 0.6275
CMYK	0.60, 0.19, 0.00, 0.63
HSL	199°, 43%, 26%
HSV	199°, 60%, 37%
XYZ	5.5188, 6.5460, 11.7991
YIQ	67.3910, -29.0220, -2.6700

Conversions

Conversions Part 2

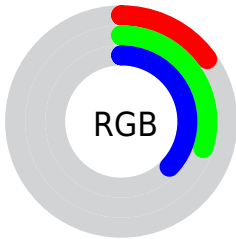
Format	Color
R_{YB}	38, 61, 95
Decimal	2510175
CIE _{Lab}	30.75, -7.90, -14.75
CIE _{LCh}	31, 16.728, 241.836
Yxy	6.5460, 0.2313, 0.2743
Android (android.graphics.Color)	4280700255 (0xFF264D5F)
YUV	67.3910, 13.6112, -25.7759
Hunter-Lab	25.5852, -6.2715, -9.4330

Details

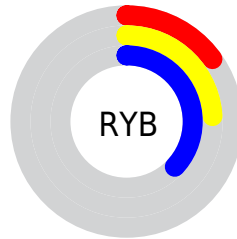
The Android color `4280700255` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284430374`, and the grayscale version is `4282598211`.

A 20% lighter version of the original color is `4283989649`, and `4278198577` is the 20% darker color. If you saturate the color by 10%, you get `4280109663`, and if you desaturate by 10%, it is `4281356383`.

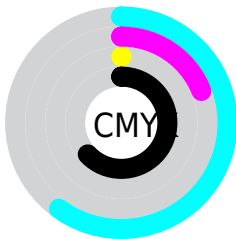
Distribution



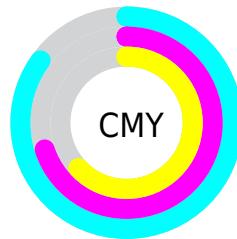
- Red (15%)
- Green (30%)
- Blue (37%)



- Red (15%)
- Yellow (24%)
- Blue (37%)



- Cyan (60%)
- Magenta (19%)
- Yellow (0%)
- Black (63%)



- Cyan (85%)
- Magenta (70%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280700255 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 4280700255 by changing the saturation by 10% instead.



4280700255



4280700255

4294967295



4278793799



4283989649



4278198577



4285700268



4278191900



4287476679



4278190080



4289253091



4291029759



4292935679



4294836223



4280700255



4280700255

■ 4280109663

■ 4281356383

■ 4279453535

■ 4281946975

■ 4278797407

■ 4282603103

■ 4278206815

■ 4283193695

■ 4283849823

■ 4284440415

■ 4285096543

■ 4285687135

■ 4286343263

Harmonies

Analogous

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



4280176470



4280700255



4281878882

Triad

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



4280700255



4284563272



4282600498

Complementary

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



4280700255



4284430374

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.



4283516974



4280700255



4284629051

Square

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



4280700255



4284105045



4284236594



4281617980

Rectangle

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



4280700255



4282730080



4284236594



4282927920

Sweetspot

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



4280700255



4284773242



4280704823



4281350461



4290624957



4282203453

Same Dimension

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



4280700255



4280442746



4280693087



4281085744



4278209904



4278232304

Inverse Universe

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



4284425805



4286194271



4284437542



4281347119



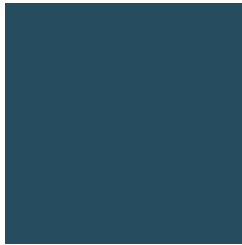
4285530189



4293918884

Previews

White Background



This preview shows how the Android color 4280700255 looks on a white background.

Color Contrast Check

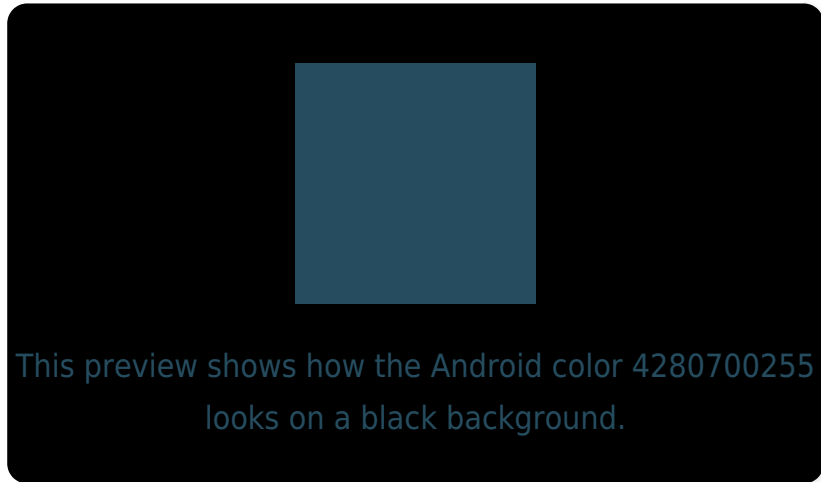
Large Text (above 18pt) WCAG AA ✓ Pass

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

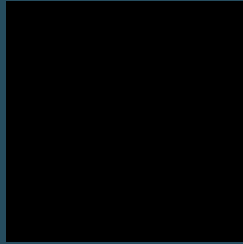
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

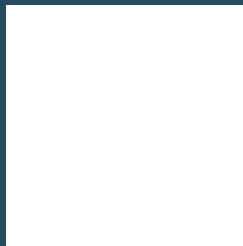
Any Text WCAG AAA × Fail

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

Android 4280700255 Background



This preview shows how black text looks on a background with the Android color 4280700255.



This preview shows how white text looks on a background with the Android color 4280700255.

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

4280700255

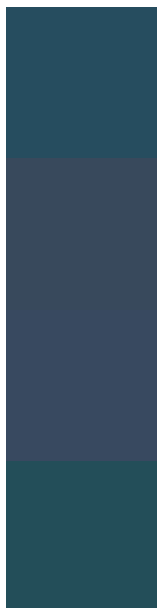
Protanopia

4282599259

Deuteranopia

4282533728

Trichromacy



Original Color

4280700255

Protanomaly

4281878876

Deuteranomaly

4281878880

Tritanomaly

4280503897

Monochromacy



Original Color

4280700255

Achromatopsia

4282598211

Achromatomaly

4281878349

CSS Examples

Text

The CSS property to change the color of the text to Android 4280700255 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(38, 77, 95)` looks like.

```
.text, #text, p{  
    color:rgb(38, 77, 95)  
}
```

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(38, 77, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 77, 95) }
```

Border

The CSS property to change the border of an element to Android 4280700255 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(38, 77, 95) }
```

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

```
.border{ border-color:rgb(38, 77, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 77, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 77, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 77, 95);  
box-shadow:4px 4px 4px 4px rgb(38, 77, 95)  
}
```

Background

The CSS property to change the background color of an element to Android 4280700255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 77, 95) }
```

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

```
.background{ background-color: rgb(38, 77,  
95) }
```

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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