

Converting Colors

Android(4280433993)

Have a look what the booklet for
Android(4280433993) contains.

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Color

Android(4280433993)

Conversions

Conversions Part 1

Format	Color
Hex	223D49
RGB	34, 61, 73
RGB Percent	13%, 24%, 29%
CMY	0.8667, 0.7608, 0.7137
CMYK	0.53, 0.16, 0.00, 0.71
HSL	198°, 36%, 21%
HSV	198°, 53%, 29%
XYZ	3.5310, 4.1586, 6.9199
YIQ	54.2950, -19.9440, -1.9920

Conversions

Conversions Part 2

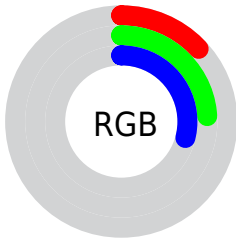
Format	Color
RYB	34, 50, 73
Decimal	2243913
CIELab	24.19, -6.39, -10.52
CIELCh	24, 12.312, 238.722
Yxy	4.1586, 0.2417, 0.2846
Android (android.graphics.Color)	4280433993 (0xFF223D49)
YUV	54.2950, 9.2216, -17.7987
Hunter-Lab	20.3927, -4.7795, -5.8442

Details

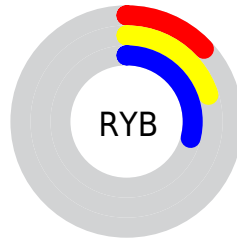
The Android color **4280433993** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282986018**, and the grayscale version is **4281742902**.

A 20% lighter version of the original color is **4283526266**, and **4278194973** is the 20% darker color. If you saturate the color by 10%, you get **4279974729**, and if you desaturate by 10%, it is **4280893257**.

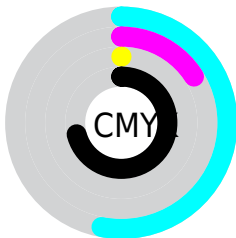
Distribution



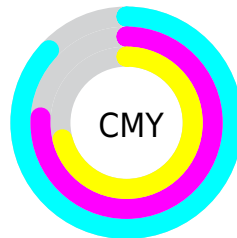
- Red (13%)
- Green (24%)
- Blue (29%)



- Red (13%)
- Yellow (20%)
- Blue (29%)



- Cyan (53%)
- Magenta (16%)
- Yellow (0%)
- Black (71%)



- Cyan (87%)
- Magenta (76%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280433993 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 4280433993 by changing the saturation by 10% instead.

■ 4280433993

■ 4280433993

4294967295

■ 4278855474

■ 4283526266

■ 4278194973

■ 4285171347

■ 4278190081

■ 4286881966

■ 4278190080

■ 4288658377

■ 4290434789

■ 4292277247

■ 4294115327

■ 4280433993

■ 4280433993

■ 4279974729

■ 4280893257

■ 4279449929

■ 4281418057

■ 4278990409

■ 4281877577

■ 4278531145

■ 4282336841

■ 4278203209

■ 4282796105

■ 4283320905

■ 4283780425

■ 4284239689

■ 4284764489

Harmonies

Analogous

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



4280172098



4280433993



4281154124

Triad

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



4280433993



4283118394



4281809961

Complementary

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



4280433993



4282986018

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.



4282464551



4280433993



4283183921

Square

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



4280433993



4282725443



4282922538



4281089584

Rectangle

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



4280433993



4281743435



4282922538



4282006312

Sweetspot

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



4280433993



4283390558



4280437038



4280757808



4289769648



4281348144

Same Dimension

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



4280433993



4280437854



4280429129



4280296228



4278207843



4278230499

Inverse Universe

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



4282982973



4284359244



4282990882



4280557603



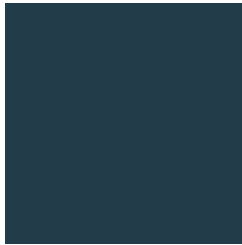
4284678213



4293066909

Previews

White Background



This preview shows how the Android color 4280433993 looks on a white background.

Color Contrast Check

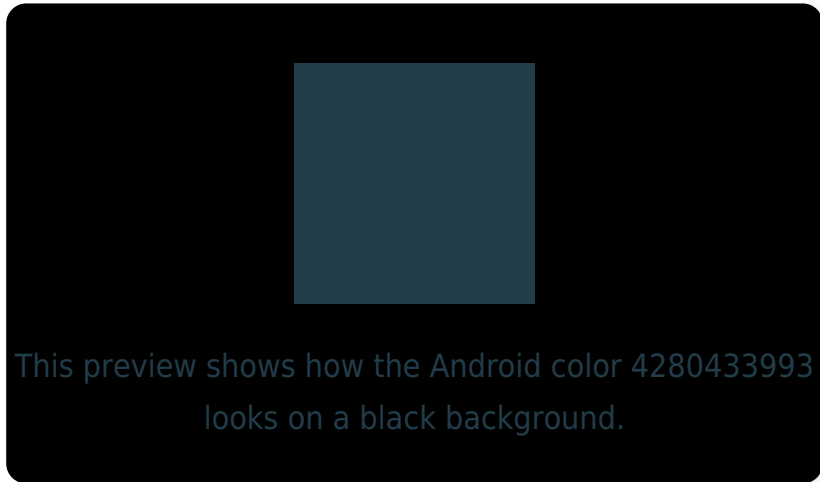
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280433993 Background



This preview shows how black text looks on a background with the Android color 4280433993.



This preview shows how white text looks on a background with the Android color 4280433993.

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

4280433993

Protanopia

4281743686

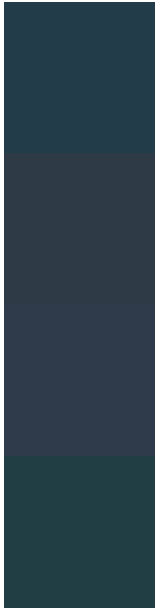
Deuteranopia

4281743434



Tritanopia
4280303171

Trichromacy



Original Color

4280433993

Protanomaly

4281285191

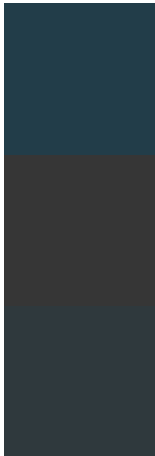
Deuteranomaly

4281285194

Tritanomaly

4280368709

Monochromacy



Original Color

4280433993

Achromatopsia

4281742902

Achromatomaly

4281284925

CSS Examples

Text

The CSS property to change the color of the text to Android 4280433993 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(34, 61, 73) looks like.

```
.text, #text, p{  
    color:rgb(34, 61, 73)  
}
```

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(34, 61, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 61, 73) }
```

Border

The CSS property to change the border of an element to Android 4280433993 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(34, 61, 73) }
```

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

```
.border{ border-color:rgb(34, 61, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 61, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 61, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 61, 73);  
box-shadow:4px 4px 4px 4px rgb(34, 61, 73)  
}
```

Background

The CSS property to change the background color of an element to Android 4280433993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 61, 73) }
```

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

```
.background{ background-color: rgb(34, 61,  
73) }
```

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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