

Converting Colors

Android(4280633433)

Have a look what the booklet for
Android(4280633433) contains.

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Color

Android(4280633433)

Conversions

Conversions Part 1

Format	Color
Hex	254859
RGB	37, 72, 89
RGB Percent	15%, 28%, 35%
CMY	0.8549, 0.7176, 0.6510
CMYK	0.58, 0.19, 0.00, 0.65
HSL	200°, 41%, 25%
HSV	200°, 58%, 35%
XYZ	4.8835, 5.7493, 10.3035
YIQ	63.4730, -26.3170, -2.1330

Conversions

Conversions Part 2

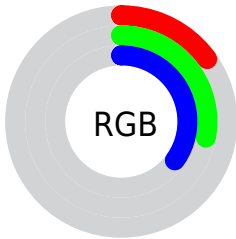
Format	Color
R_{YB}	37, 58, 89
Decimal	2443353
CIE _{Lab}	28.77, -7.10, -13.95
CIE _{LCh}	29, 15.650, 243.029
Yxy	5.7493, 0.2333, 0.2746
Android (android.graphics.Color)	4280633433 (0xFF254859)
YUV	63.4730, 12.5848, -23.2168
Hunter-Lab	23.9777, -5.6064, -8.6933

Details

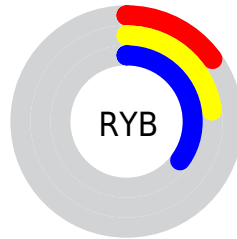
The Android color `4280633433` is a dark color, and the websafe version is hex `003333`. A complement of this color would be `4284036645`, and the grayscale version is `4282335039`.

A 20% lighter version of the original color is `4283922571`, and `4278197547` is the 20% darker color. If you saturate the color by 10%, you get `4280042841`, and if you desaturate by 10%, it is `4281224025`.

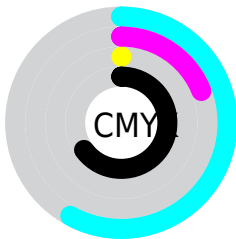
Distribution



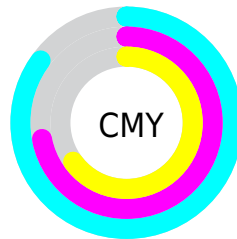
- Red (15%)
- Green (28%)
- Blue (35%)



- Red (15%)
- Yellow (23%)
- Blue (35%)



- Cyan (58%)
- Magenta (19%)
- Yellow (0%)
- Black (65%)



- Cyan (85%)
- Magenta (72%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280633433 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 4280633433 by changing the saturation by 10% instead.

■ 4280633433

■ 4280633433

4294967295

■ 4278858306

■ 4283922571

■ 4278197547

■ 4285567653

■ 4278190359

■ 4287278529

■ 4278190080

■ 4289054940

■ 4290897145

■ 4292739071

■ 4294639615

■ 4280633433

■ 4280633433

■ 4280042841

■ 4281224025

■ 4279452249

■ 4281814617

■ 4278861657

■ 4282405209

■ 4278271065

■ 4282995801

■ 4278205529

■ 4283586393

■ 4284111193

■ 4284701785

■ 4285292377

■ 4285882969

Harmonies

Analogous

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



4280109649



4280633433



4281746780

Triad

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



4280633433



4284169027



4282271535

Complementary

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



4280633433



4284036645

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.



4283122476



4280633433



4284169271

Square

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



4280633433



4283710799



4283776815



4281354553

Rectangle

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



4280633433



4282532442



4283776815



4282598957

Sweetspot

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



4280633433



4284378227



4280637749



4281218619



4290427578



4282071867

Same Dimension

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



4280633433



4280440947



4280627033



4280756779



4278208619



4278230763

Inverse Universe

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



4284032328



4285735512



4284043045



4281018154



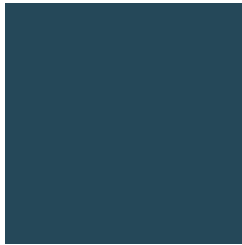
4285202504



4293591198

Previews

White Background



This preview shows how the Android color 4280633433 looks on a white background.

Color Contrast Check

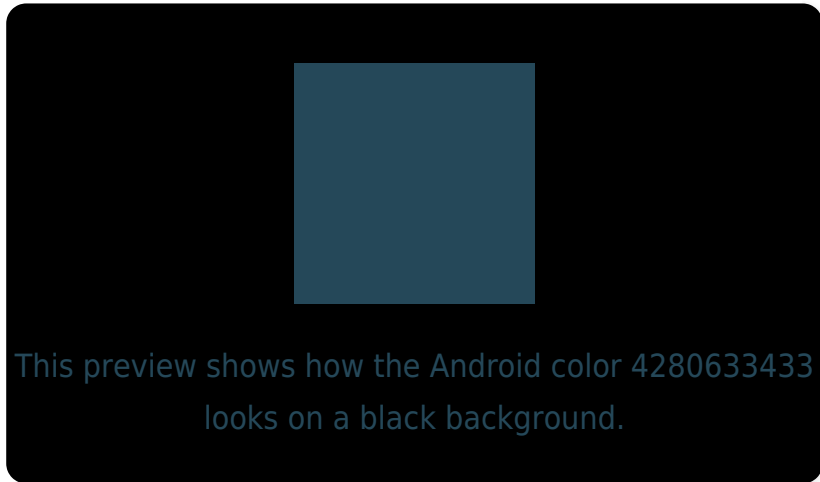
Large Text (above 18pt) WCAG AA ✓ Pass

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

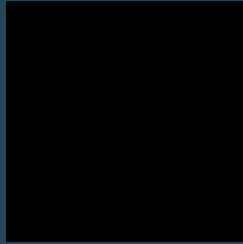
Any Text WCAG AA × Fail

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 4280633433 Background



This preview shows how black text looks on a background with the Android color 4280633433.



This preview shows how white text looks on a background with the Android color 4280633433.

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

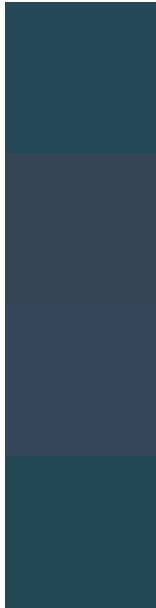


Original Color
4280633433

Protanopia
4282336085

Deuteranopia
4282270554

Trichromacy



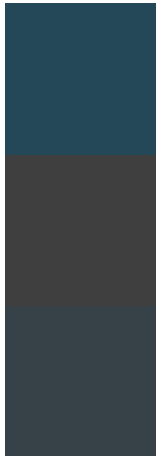
Original Color
4280633433

Protanomaly
4281746774

Deuteranomaly
4281681242

Tritanomaly
4280437075

Monochromacy



Original Color
4280633433

Achromatopsia
4282335039

Achromatomaly
4281745992

CSS Examples

Text

The CSS property to change the color of the text to Android 4280633433 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(37, 72, 89)` looks like.

```
.text, #text, p{  
    color:rgb(37, 72, 89)  
}
```

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(37, 72, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 72, 89) }
```

Border

The CSS property to change the border of an element to Android 4280633433 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(37, 72, 89) }
```

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

```
.border{ border-color:rgb(37, 72, 89) }
```

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

Here you see how a box with a 4 pixel rgb(37, 72, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 72, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 72, 89);  
box-shadow:4px 4px 4px 4px rgb(37, 72, 89)  
}
```

Background

The CSS property to change the background color of an element to Android 4280633433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 72, 89) }
```

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

```
.background{ background-color: rgb(37, 72,  
89) }
```

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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