

Converting Colors

Android(4280902233)

Have a look what the booklet for
Android(4280902233) contains.

Android(4280902233)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280902233)

Conversions

Conversions Part 1

Format	Color
Hex	296259
RGB	41, 98, 89
RGB Percent	16%, 38%, 35%
CMY	0.8392, 0.6157, 0.6510
CMYK	0.58, 0.00, 0.09, 0.62
HSL	171°, 41%, 27%
HSV	171°, 58%, 38%
XYZ	7.0853, 9.9281, 10.9941
YIQ	79.9310, -31.0830, -14.8830

Conversions

Conversions Part 2

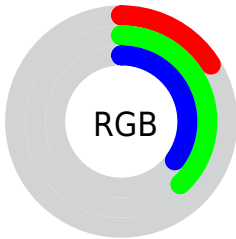
Format	Color
R_{YB}	41, 72, 98
Decimal	2712153
CIE Lab	37.71, -21.09, -0.52
CIE LCh	38, 21.097, 181.420
Yxy	9.9281, 0.2530, 0.3545
Android (android.graphics.Color)	4280902233 (0xFF296259)
YUV	79.9310, 4.4710, -34.1425
Hunter-Lab	31.5088, -15.0016, 1.3687

Details

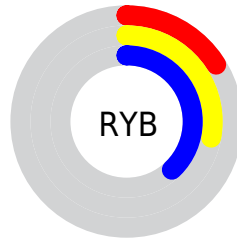
The Android color `4280902233` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284623154`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4284257675`, and `4278203180` is the 20% darker color. If you saturate the color by 10%, you get `4280246871`, and if you desaturate by 10%, it is `4281557595`.

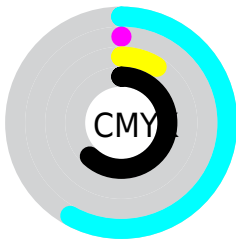
Distribution



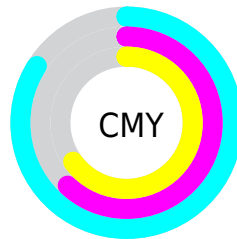
- Red (16%)
- Green (38%)
- Blue (35%)



- Red (16%)
- Yellow (28%)
- Blue (38%)



- Cyan (58%)
- Magenta (0%)
- Yellow (9%)
- Black (62%)



- Cyan (84%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280902233 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 4280902233 by changing the saturation by 10% instead.

■ 4280902233

■ 4280902233

4294967295

■ 4278995522

■ 4284257675

■ 4278203180

■ 4285968549

■ 4278198039

■ 4287744960

■ 4278190080

■ 4289521884

■ 4291362809

■ 4293263359

■ 4280902233

■ 4280902233

■ 4280246871

■ 4281557595

■ 4279591510

■ 4282212956

■ 4279001684

■ 4282802782

■ 4278346323

■ 4283458143

■ 4278215251

■ 4284113505

■ 4284768866

■ 4285424228

■ 4286014053

■ 4286669415

Harmonies

Analogous

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



4282212424



4280902233



4280050026

Triad

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



4280902233



4284241014



4285682235

Complementary

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



4280902233



4284623154

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.



4286205256



4280902233



4285484649

Square

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



4280902233



4282604155



4286139481



4284766263

Rectangle

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



4280902233



4280442995



4286139481



4285878335

Sweetspot

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



4280902233



4285169788



4281557545



4281548862



4290756543



4282400832

Same Dimension

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



4280902233



4280713329



4280897378



4281086000



4278218846



4278251722

Inverse Universe

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



4284623154



4286588468



4284628009



4281347116



4285530130



4293918758

Previews

White Background



This preview shows how the Android color 4280902233 looks on a white background.

Color Contrast Check

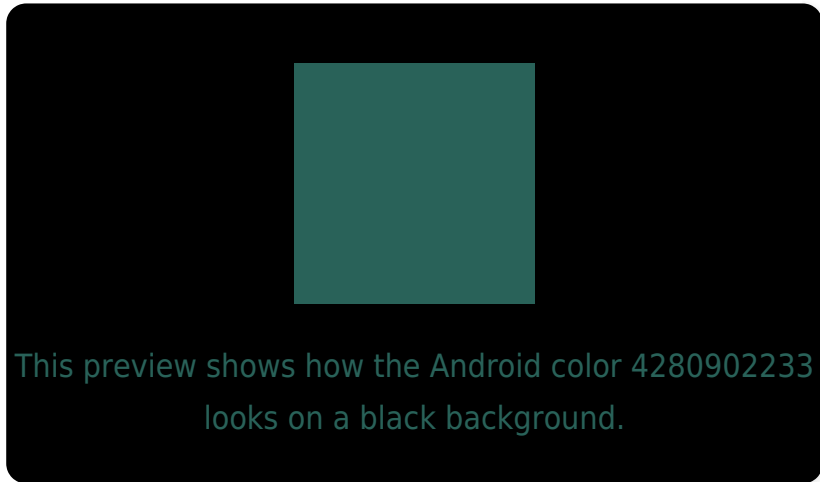
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280902233 Background



This preview shows how black text looks on a background with the Android color 4280902233.



This preview shows how white text looks on a background with the Android color 4280902233.

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

4280902233

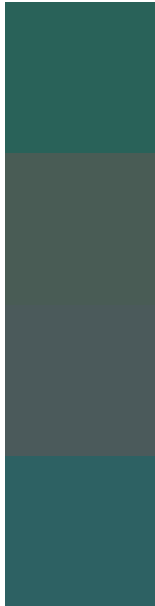
Protanopia

4284176467

Deuteranopia

4284438108

Trichromacy



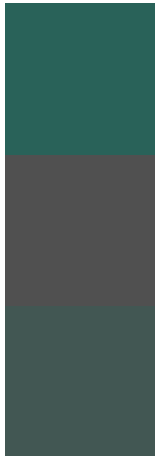
Original Color
4280902233

Protanomaly
4282997845

Deuteranomaly
4283128411

Tritanomaly
4281164131

Monochromacy



Original Color
4280902233

Achromatopsia
4283453520

Achromatomaly
4282537811

CSS Examples

Text

The CSS property to change the color of the text to Android 4280902233 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(41, 98, 89)` looks like.

```
.text, #text, p{  
    color:rgb(41, 98, 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(41, 98, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 98, 89) }
```

Border

The CSS property to change the border of an element to Android 4280902233 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(41, 98, 89) }
```

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

```
.border{ border-color:rgb(41, 98, 89) }
```

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

Here you see how a box with a 4 pixel rgb(41, 98, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 98, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 98, 89);  
box-shadow:4px 4px 4px 4px rgb(41, 98, 89)  
}
```

Background

The CSS property to change the background color of an element to Android 4280902233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 98, 89) }
```

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

```
.background{ background-color: rgb(41, 98,  
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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